(1)

JUNE 1980 Inspection

#### NOVAK

#### SANITARY LANDFILL REPORT

PUBLIC ROADS:

L.R. 39043 and T-593 clean; surface unbroken; both roads appear to be well drained.

ACCESS ROADS:

All dry and in good condition. Much shingles and crushed stone stockpiled adjacent to access road for future road building and repair.

DISPOSAL AREAS:

All disposal areas dry and generally in good condition. Northwest, west, southwest sections not disturbed. Work will progress south and southeast until surface of fill reaches grade. Refuse is well mixed with soil and compacted. No blowing litter.

ORIGINAL IRed)

AR \$20/80



RDG. REGIONAL OFFICE

TRENCH:

Soil being removed from trench No 2 and being used to cover compacted refuse.

Trench in east part of the landfill being extended. Trenches dry.

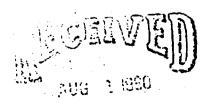
FENCES:

Fences are in good condition.

<u>VEGETATED</u> <u>AREAS</u>: All trees and brush around perimeter clean.

<u>VECTOR & INCINERATION:</u>

No smouldering or burning refuse or evidence thereof observed. No rodents observed of site. Monthly exterminator hired for verning control.



ROG. REGIONAL OFFICE
DEPT. DE ENV. RES 60404

#### SANITARY LANDFILL REPORT

COMMENTS:

Complete and bring to grade the area in the south-southeast part of the landfill. Maintain good soil cover over refuse. Good control about blowing refuse.

INSPECTED BY: Pluscomhofar DATE: July 29, 1980

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST: Charle a. Costo De

ORIGINAL (Red!

Cc: Louis Novak
 South Whitehall Township Manager
 Carl F. Gitschier

ER-SWM-1:5/79

### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDENT	IFICATION NUMBER (1-	) Jegan Cara Pen	INSPECTION DATE 19-	14)	INSPECTORS SOC. SEC	. NO.	(16-	-24)
_ 10	100534 7/80/80 184-50-						6	. •
NAME	OF DISPOSAL FACILITY	<b>_</b>	FACILITY ADDRESS	,				
	DOUAK SAN	ITARY LANDFILL			ALLI-NTOWN	<b>)</b>	e e	
MUNIC	MUNICIPALITY COUNTY							
	SUTH WHIT	THALL YEND	LEAK	64	a pagamagan na mana na sa			
		ADDRESS, AND TELEPHONE NUMBER	JE / ALLINTO		215-345-E	25	,	
60	UIS I. Nou	IAK SKI	DE / ALLINTO	WN				•
DAILY	VOLUME RECEIVED	ANNUAL REPORT REC		DAYS	PER WEEK	-		
	·	Yes	·	OPER	ATED 5:5		,	
		1 - Compliance, 2 - Non-Complian	ce, 3 - Not applicable					
: 0	CHAPTER CITATION	- Antonio (Antonio Antonio Ant				1	.2	3
26 _7	75.21 (m) (3)	Suitable barrier blocks access to site when a	ittendant is not present.			1		
27 _7	75.21(s)	25' setback line buffer zone present			·	12		
28 _7	25.21(1)(1), (2), (3)	Adequate fire equipment or procedure for r	minimizing fire hazard		· · · · · · · · · · · · · · · · · · ·	/	,	
7	75.21(q)	Approved operational safety program being	utilized			1		
30	75.21(p)	Effective vector control program utilized at bird, mosquito, rodent, fly	site where needed. Circle v	ector pr	ogram required:	1		
31	75.21 (m) (2)	Hours of operation prominently posted			1.7.4	V		
32 <u> </u>	75.21(k)	Telephone or other communications availab	le			1		
33	75.21(o)(1)	Salvaging occurs in accordance with regulati	ons					
34 3	/5.21(r)(1), (2), (3), (4), /5.24(e)(2)(vii)(viii) !-:	Operational records maintained and method	of measurement provided			1		
	75.24(c)(2)(xxi), 75.37(j) k 75.38 II(8)(viii)	Final minimum uniform two foot layer of c	compacted cover material pla	iced on	surface of final lift			1
	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at				J		
	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as ap						1/2
المناه وأموا	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material	being utilized		Assertation of the state of the	1		
	75,24(c)(2)(v) & 75,38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded c	ollection vehicles		Men Men	1		
( ; <del>-</del>	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 11(8)(viii)	Slopes, benching and terracing in accord wi	th regulations			1		
-	75.24(c)(2)(xvi), 75,37(k) & 75.38 I4(8)(ii)	Fire breaks		,	16.02251 <sup>1</sup>	1		
		كالمتالث كالركان بدارية بوائسه المنارية بالمائية المائية والمارية والمراجع والمنازة						_

ER-SWM-1A:5/79

### ..MMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable			<del>-</del>
		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable	_	_	<b>_</b>
	CHAPTER CITATION		11	2	3
42 _	75.24(c)(2)(xxiv), 75.37(k) a 75.38 II(6)	Gas management			V
- 43 ··	75.24(b)(4)(i), 75.37(k)(6), A 75,38 II(8)(i)	Ground water monitoring requirements being met	1		
44	75.24(c)(2)(xi), 75.37(k). & 75.38 II(8)(ii)	Approved cover material being utilized	1	:	
45 <u> </u>	75.24(c)(2)(x)	Approved subbase being utilized	1		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	1		,
47	75.25(h)	Lined site, under drains operable			V
48	75.25(i)	Are liners in place and covered with protective earth	T		7
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained	Г		1
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			V
51 _	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	/		
52 _	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	/		ل
53	75.26(q)	At lined sites, is all waste deposited on lined areas			<b></b>
54	75.26(f)	Regulation ban on open burning adhered to	1		
55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	1		
56	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	1		
	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval			1
58	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	1		
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	7		
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	V		
 . 61 _	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	V		
62 62	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	1		
. 63 _	75.26(j), (k)	Blowing litter controlled	V		
64	75.26(c)	Provision for standby equipment available when needed	V		
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	1	• • •	
66	Chapter 101(9)(e)(2)	Is bonding status correct	П	<u>_</u> ,	-

-SWM-18,28,38

WEAMON: RAIN. JAMP

### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

FACILITY OPEN AND FORM NO. 10, 11, & 12

ACCEPTING WAS ITS AT TIME JE

TASPELTION. DOMO. WAS TSING

NOUAK SANITARY LANDZICC

.

DiposiTi-D. IN LASTERN ARIA AND

- REFUSE WAS BEING DIPOSITE IN SOUTH BASTORN AREA.

ARUNS SHOWING SIGNS IT EXCSION MUST BE MAINTAINED ADDITIONAL NOUR MATERIAL HAS BEEN APPLIED TO AREAS REQUIRING IT. SALVAGED MATERIAL AREA IS BEING CLUANUS UP, PLACING ITUMS IN A OFFICIAL MAINTAINE.

GOWORAL MAINTAINE IS FINDURED TO KEEP TALLITY

IN GOOD SHAPE,

ORIGINAL (Red)

John & Jew >/3/80

Louis Morales
Operator

JULY 1980 INSPECTION

Weather: Sunny 75°F

Louis Novak

SANITARY LANDFILL REPORT

August 23, 1980

PUBLIC ROADS:

Legislative Route 39042 and Township Road T-593

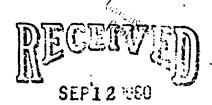
basically clean.

ACCESS ROADS:

Main road in good condition; branch roads also in good condition.
Crushed stone stockpiled for road construction.

DISPOSAL AREAS:

All disposal areas dry and in good shape.
Operator plans to operate towards the east,
southeast until grades are met and then final
cover and plant this area. Observed soil
being placed over refuse and compactor making
repeated passes over the refuse.



RDG. REGIONAL OFFICE

TREXCH

Soil being taken out of trench No. 2 and being used for cover. Soil being taken out of trench in east part of the landfill for stockpile.

FENCES:

In satisfactory condition.

<u>VEGETATED</u> <u>AREAS</u>: All trees and brush around perimeter of landfill clean.

VECTOR & INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on site. Monthly exterminator hired for vermin control.

### Novak SANITARY LANDFILL REPORT

COMMENTS:

Drainage work being done in west, southwest part of the landfill.

Continue to stockpile stone and rubble for road repairs and construction.

Apply final cover to completed areas and seed with fast growing grass.

ORIGINAL IRedj

INSPECTED BY:

DA'

DATE: August 23, 1980

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST: 6 0 Common Comm

cc: Novak Sanitary Landfill

Carl F. Gitschier

South Whitehall Township Municipal Building

ัย**ว**-รพ์м-1:5/79

### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDE	NTIFICATION NUMBER (1-			INSPECTION DATE (9-	.14)	INSPECTORS S	OC SEC	NO (	16_	241
	100 < 34			8/25/80		184-5				
NAI	ME OF DISPOSAL FACILITY	:		FACILITY ADDRESS						1 -
1	YOUAR SANI	TARY LANSTI	LL	RD#1	. /	ALLE NT	DUN	<b>,</b> "		
	NICIPALITY	1 ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (		COUNTY		•				
2	0474-(1)/117	IMLL TWP.	· · · · · · · · · · · · · · · · · · ·	CEHIGH			. <sub>.</sub>	بعرمن		
FAC	CILITY PROPRIETOR (NAME	ADDRESS, AND TELEPHONE N	JMBER)			215-39	5-62	5	1	
-	Louis Ji	bunk SR.	X	#1 ALLENT	ישט	N				
	ILY VOLUME RECEIVED	ANNUAL REPO	, Augustus	IVED		PER WEEK	-			
10	0-125 T/D	70	<u>- S</u>		OPER	ATED S.S				
:		1 - Compliance, 2 - Non-	Compliance	s, 3 - Not applicable		·		·		
	CHAPTER CITATION	e de la companya de La companya de la co	androden seri Dengan pada Pada ang banda					١,	3	3
26	75.21(m)(3)	Suitable barrier blocks access to si	te when at	tendant is not present.				7		
27	75.21(s)	25' setback line buffer zone prese	nt :					1		
28	75.21(1)(1), (2), (3)	Adequate fire equipment or proce	dure for mi	inimizing fire hazard				1		
ì	75.21(q)	Approved operational safety progr	am being u	tilized				1		
)	75.21(p)	Effective vector control program ubird, mosquito, rodent, fly	itilized at s	ite where needed. Circle v	ector pr	ogram required:				
30	75.21(m)(2)	Hours of operation prominently p	orted.				· · · · · · · · · · · · · · · · · · ·			_
31	75.21(k)	Telephone or other communication		<u> </u>	<del></del>					
32	75.21(o)(1)							7		
33	75.21(r)(1), (2), (3), (4),	Salvaging occurs in accordance with	in regulatio	ns :: ' ' '		· · · · · · · · · · · · · · · · · · ·				
34	75.24(e)(2)(vii)(viii)	Operational records maintained an	d method o	of measurement provided				4		
<b>3</b> 5	75.24(c)(2)(xxi), 75.37(j) & 75.38 (1(8)(viii)	Final minimum uniform two foot	layer of co	mpacted cover material pl	aced on	surface of final li				
<b>3</b> 6	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management admini		ne site			They in	7		
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percen								
<b>3</b> 8	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cove	r material t	peing utilized			·			
<b>3</b> 9	75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by	loaded col	llection vehicles				/		
an .	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in	sccord with	regulations	<u></u>				*# <u>.</u>	3.
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 11(8)(ii)	Fire breaks	<del></del>		,			7		
71				<del></del>		<del></del>	A A	7	_1	_

ER-SWM-1A:5/79

### , MMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

		1 — Compliance, 2 — Non-Compliance, 3 — Not applicable			
	CHAPTER CITATION		1	2	
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management			
43	75.24(b)(4)(i), 75.37(k)(6).	Ground water monitoring requirements being met	V		
44	75.24(c)(2)(xi), 75.37(k). & 75.38 II(8)(ii)	Approved cover material being utilized	J		
45 .	75.24(c)(2)(x)	Approved subbase being utilized	J		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38   (8)(iv)	Proper barriers being maintained	1		
47 <u> </u>	75.25(h)	Lined site, under drains operable			
48 .	75.25(i)	Are liners in place and covered with protective earth	$\Box$		
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained		Г	
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly		Г	
51 _	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	1		
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	V		
53	75.26(q)	At lined sites, is all waste deposited on lined areas			
54	75.26(f)	Regulation ban on open burning adhered to	1		
55	75,26(d) & 75,38 (1(8)(vi)	Bulky waste properly controlled	/		
56	75.26(i) & 75.38 (1(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	1		
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval			
58 ]	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	1		
	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	<		
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	V		
61 .	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	1		
62	75.26(g), (h) & 75.38 (1(8)(vi)	Dust controlled at site	1		
<b>63</b> .	75.26(j), (k)	Blowing litter controlled $R_{i,j}^{(i)}$ .	1		
64 ]	75.26(c)	Provision for standby equipment available when needed			
6 <b>5</b>	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		•	
- 66	Chapter 101(9)(e)(2)	Is bonding status correct			•

ER -SWM-18,28,38 WONTHIN HOT, DAY MUME, LICHT WIND

#### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES

DEMOLITION SITES, FLYASH SITES, SLAG SITES TACILITY OFFER AT TIME FORM NO. 10, 11, & 12

ADOLPTING WASTIES. WASTES ARE DISPOSAL FACILITY 100534 ABUAK SANITARY LANDFILL BEING DIRCCITES IN THE SOUTH LAST DATE 8/25/40 GORNIE of THE FALLITY, DOMOLITION IS BEING DIPOSITION IN EAST CINKAL DEMO AREA. OVER ALL LANDFILL 15 IN GOOD MONDITION BUT REQUIRES SOME ABDITIONAL MAINTAWANCE WORK.

RECOMMENDATIONS

(1) WHEN APPLYNG COULD MATERIAL (DAILY AND FINAL)

CARE MUST BE TAKEN TO ENSURE WASTES ARE

(1) MARGIETELY CHINA Conflictery Churped.

- 2.) ARIAS SHOWING SIGNS IT ENESION MUST BE CARD for . STUNE RIF-RAP SWALLS SHOULD BE ULITILIZED WIME NOSSED.
  - 3.) SALUAGE AREAS MUST & BE POLICED NONTINUICOUSCY TO KEEP ARIAS AS NEAT AND ORDERLY AS POSSIBLE.
  - 4) PLANS MUST BE MADE FOR THE APPLICATION OF FINAL ULGITATIVE MOVER WHEN WHATHER OUNTENTONS RE RIGHTO

ER-SWM-1:5/79

#### V JOMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDE	NTIFICATION NUMBER (1-	7)	INSPECTION DATE (9-14)	INSPECTORS SOC. SEC. NO.			-24)			
	1— Compliance, 2— Non-Complian  CHAPTER CITATION  26 75.21(m)(3)  75.21(s)  27 75.21(s)  28 75.21(l)(1), (2), (3)  Adequate fire equipment or procedure for record operational safety program being  75.21(p)  Effective vector control program utilized at bird, mosquito, rodent, fly  30		9/4/80	184-50-2106	50-2106					
NA	ME OF DISPOSAL FACILITY	FACILITY ADDRESS				7				
12	WAK SANTARY	LANDER LANG.	RAI ALLINTO	INN Fare	٠		<b>.</b>			
MU	AME OF DISPOSAL FACILITY  FACILITY ADDRESS  FACI									
and C	1000 (1)him //	1. T. o.P.	Children .	aligner – a mine semen mengalap <del>ang maganism meng</del> alap			7			
FAC										
	Live To Day	iak Ce. Pxt	1 December	770		•				
				S PER WEEK						
10	10-125 YOU			·						
		1 - Compliance, 2 - Non-Compliance	e, 3 - Not applicable				_			
	CHAPTER CITATION			·	1	2	3			
26	75.21(m)(3)	Suitable barrier blocks access to site when at	tendant is not present.		P					
	75.21(s)	25' setback line buffer zone present			V					
	75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for m	inimizing fire hazard		1					
29	75.21(q)	Approved operational safety program being u	utilized		1		,			
	75.21(p)	Effective vector control program utilized at s	site where needed. Circle vector p	rogram required:						
30			, , , , , , , , , , , , , , , , , , ,		<b> </b>					
31	75.21(m)(2)	Hours of operation prominently posted			1					
32	75.21(k)	Telephone or other communications available	,		7					
<b>***</b> 33	75.21(o)(1)	Salvaging occurs in accordance with regulatio	ons .		1					
16.00 10.34	75.24(e)(2)(vii)(viii)	Operational records maintained and method (	of measurement provided		1		·			
35	-75.24(c)(2)(xxi), 75.37(j) - & 75.38 II(8)(viii)	Final minimum uniform two foot layer of co	ompacted cover material placed on	surface of final lift	1					
38	(±6 <b>75.38 11(8)(viii)</b>	Surface water management administered at the	he site		7					
¥ 37	75.24(c)(2)(ii), (iii), & - 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as app	proved by Department		1					
38	NAME OF DISPOSAL FACILITY    COUNTY				/					
39	75,24(c)(2)(v) & \+76,38   (8)(ii)(iv)(vi)	Site access roads are negotiable by loaded co	llection vehicles	,	/					
40	75.37(d)(1)(2) &	Slopes, benching and terracing in accord with	n regulations		1					
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 1KB)(ii)	Fire breaks			1					
• •		20041	=	1.4						

ER-SWM-1'A:5/79

## DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

	1 - Compliance, 2 - Non-Compliance, 3 - Not applicable			<del></del>
CHAPTER CITATION		,	2	]3
75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management			1
. 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	1		
75,24(c)(2)(xi), 75,37(k). & 75,38 11(8)(ii)	Approved cover material being utilized	1		
75.24(c)(2)(x)	Approved subbase being utilized	V		
75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	V		
75.25(h)	Lined site, under drains operable			1/2
75.25(i)	Are liners in place and covered with protective earth		$\subseteq$	<b>-</b>
<b>75.25(o)(3)</b>	Lined site, daily record of leachate flow maintained			~
75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			0
75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	1		
75.26(b), 75.37(k)(2), (3), 75.38 11(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	1		
75.26(q)	At lined sites, is all waste deposited on lined areas			"
75.26(f)	Regulation ban on open burning adhered to	7		
75.26(d) & 75,38  1(8)(vi)	Bulky waste properly controlled	/		
75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	1	1	
75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	Z		
<b>75.2</b> 6(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	1		
75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face			
<b>75.26(i)</b>	Working face area confined to size suitable for daily cover/compaction	1		
75.26(q), 75.37(k), (s) & 75.38   (8)(x)	Operation in accordance with approved plans	1		
75.26(g), (h) & 75.38   {8}(vi)	Dust controlled at site	J		
75.26(j), (k)	Blowing litter controlled	1		
76.26(c)	Provision for standby equipment available when needed	7		
75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	/	•	7,
70.00 11(0)(12)				
	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)  75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(ii)  75.24(c)(2)(xi), 75.37(k), & 75.38 II(8)(iii)  75.24(c)(2)(x)  75.24(c)(2)(x)  75.24(c)(2)(x)  75.24(c)(2)(x)  75.24(c)(2)(x)  75.25(b)  75.25(b)  75.25(c)  75.25(d)  75.25(d)  75.26(a) & 75.37(g)  75.26(d)  75.26(d)  75.26(f)  75.26(f)  75.26(f)  75.26(f)  75.26(g)  75.26(g)	CHAPTER CITATION  75.24(c)(2)(xxiv), 75.37(k) Gss management 7.5.24(c)(2)(xxiv), 75.37(k) Ground water monitoring requirements being met 8.75.38 ((6)(f) 7.5.24(c)(2)(xxi), 75.37(k) Approved cover material being utilized 7.5.24(c)(2)(xxi), 75.37(k) 7.5.24(c)(2)(xxi), 75.37(k) 7.5.24(c)(2)(xxi), 75.37(k) 7.5.24(c)(2)(xxi), 75.37(k) 7.5.25(h) 7.5.	CHAPTER CITATION  1. 75.24(b)(2)(xxiv), 75.37(k) 8. 75.35 (1(8)) 9. Ground water monitoring requirements being met 8. 75.36 (1(8)) 9. 75.37(k)(3), 75.37(k) 9. Approved cover material being utilized 9. 75.36 (1(8)) 9. 75.36 (1(8)) 9. Approved subbase being utilized 9. 75.36 (1(8)) 9. Approved subbase being utilized 9. 75.36 (1(8)) 9. Approved subbase being utilized 9. 75.36 (1(8)) 9. T5.37(k) 9. Approved subbase being utilized 9. 75.36 (1(8)) 9. T5.37(k) 9. Approved subbase being utilized 9. 75.36 (1(8)) 9. T5.37(k) 9. Approved subbase being utilized 9. 75.36 (1(8)) 9. Approved subbase being utilized 9. 75.36 (1(8)) 9. T5.37(k) 9. Approved subbase being utilized 9. 75.36 (1(8)) 9. At lined site, under drains operable 9. At lined site, all under drains operable 9. At lined site, all under drains operable 9. At lined site, all under drains of these as required 9. At lined site, all under drains of these as required 9. At lined site, is all waste deposited on lined areas 9. At lined site, is all waste deposited on lined areas 9. At lined site, is all waste deposited on lined areas 9. At lined site, is all waste deposited on lined areas 9. At lined site, is all waste deposited on lined areas 9. At lined site, is all waste deposited on lined areas 9. At lined site, is all waste deposited on lined areas 9. At lined site, is all waste deposited on lined areas 9. At lined site, is all waste deposited on lined areas 9. At lined site, is all waste deposited on lined areas 9. At lined site, is all waste deposited on lined areas 9. At lined site, is all waste deposited on lined areas 9. At lined site, and a lined areas 9. At l	CHAPTER CITATION  Gas management  75.24(c)(2)(xxiv), 75.37(k)  67.25(c)(1)  75.24(c)(2)(xxiv), 75.37(k)  67.25(c)(1)  75.24(c)(2)(xxiv), 75.37(k)  Approved cover material being utilized  75.24(c)(2)(xxiv), 75.37(k)  75.24(c)(2)(xxiv), 75.37(k)  75.24(c)(2)(xxiv), 75.37(k)  Approved subbase being utilized  75.24(c)(2)(xxiv), 75.37(k)  75.24(c)(2)(xxiv), 75.37(k)  75.25(c)  1. Approved subbase being utilized  75.25(c)  1. Lined site, under drains operable  75.25(c)  1. Lined site, under drains operable  75.25(c)  1. Lined site, sall versor of elevabate flow maintained  75.25(c)  1. Lined site, sall versor of elevabate flow maintained  75.25(c)  1. Lined site, sall versor of elevabate flow maintained  75.25(c)  1. Erosion controlled on site, diversion ditches as required  75.25(c)  75.25(

	•
ER /SWM-1B,28,3B	•
COMMONWEALTH OF PENNSYLVANIA	•
WENTHER: 107. THE CLUBE DEPARTMENT OF ENVIRONMENTAL RESOURCE BUREAU OF SOLID WASTE MANAGEMENT	
INSPECTION REPORT	42-2
SANITARY LANDFILL, INDUSTRIAL SITES DEMOLITION SITES, FLYASH SITES, SLAG SITES COMMENTS:	
1 0 - 0×101 1 AST 5 AT FORM NO. 10, 11, a 12	
TIME of INSPERTIONS WASTES DISPOSAL	FACILITY 100534
THE BEING DUPOSITED IN THE	ox SANTIAN LAND LILL 1
THE BUILDED STATE	9/4/20
water with the same of the sam	
	10 AREA. Soil
MATERIAL IS CURRENTLY BE EXCAUATED	FROM THIS
DEMO ARLA. OULALL PACILITY IS IN	thin singe
	•
RECOMMENDATIONS.	
(1) CONTINGE OLLANING OUT SALVAG	E ARENS, SCRAP
DOIND NUST BE KUPT AT A NINUNION.	
(2) CONTINUE WORKING ON DEPINAGE	DITCHES USING
STONE SWALFS WIGHT PRACTION	M.
· · · · · · · · · · · · · · · · · · ·	_
(3) PLAN TOL RIVIGITATION WIEN WE	AUTER TERAITS
REMINDER. QUARTERLY GROUND WATER	MINITORING
RUPORT DUE ON ON BILORE DET	oben!
DOLTAYION:	
(56) SIX INCHES of COMPACTED SOIL M	ATOMING MUST
BE PLACES OVER ALL WASTES 1	THE END
of I-ATH WORKING AN	

Department of Environmental Resources Représentative

Truis Howake

#### ALLENTOWN TESTING LABORATORIES, INC

754 EAST FAIRVIEW STREET . BETHLEHEM, PA. PHONE (215)-865-2674

0.001.001.

Industrial Radiology

Soile a Y-Pm

Certificate of Test and Analysis

Dale Sept. 17, 1980

for:

. Rovak Sanitary Landfill

Allentown, PA 18104

Lab. No. - 80663

CA 1445 CI

On sample of:

Four Waters

Received

Sept. 12, 1980

Marked:

as below

Examined with the following results:

<u>v1</u>	
рн 7.51 7.40 7.48	7,61
Alkalinity to the second of th	
pH 3.7 374mg/1 as CaCO <sub>3</sub> 363mg/1 as CaCO <sub>3</sub> 320mg/1 as CaCO <sub>3</sub>	. : 253=3/1 CaC
Specific Conduct-	
ence 800 umhos @ 23°C 550 umhos @ 23°C 600 umhos @ 23°	
Sulfates 35.2 mg/l 33.0 mg/l 36.0 mg/l	12.1 mg/1
Total Solids 470 mg/1 484 mg/1 560 mg/1	333 mg/l
Chlorides 14.1 mg/1 8.10 mg/1 93.0 mg/1	40.0 mg/1
BOD <sub>5</sub> <1.0 mg/1 <1.1 mg/1	<1.0 mg/l
COD 34.2 mg/1 34.2 mg/1 340 mg/1 340 mg/1	<1.5 mg/1
Iron (done by	
atomic Abs.) 0.030 mg/1 0.040 mg/1 0.171 mg/1	0.01 mg/

Reported to: (2) above

Respectfully submitted,

ALLENTOWN TESTING LABORATORS

John J Desmond

200418

Form No. A3-102

Il Reports to the confidential proporty of clients and information

WEATHER: Sunny 70°F

AUGUST 1980 INSPECTION

September 20, 1930

NOVAK

SANITARY LANDFILL REPORT

PUBLIC ROADS:

Legislative Route 39042 and Township Road T-593

clean.

ACCESS ROADS:

All in good condition. All vehicles have easy

access on the existing access road.

**DISPOSAL AREAS:** 

Area where dumping is presently taking place is well below final grade. Refuse unloaded, spread, mixed, covered, and compacted. No blowing litter. Soil stockpiled from 6+00S, 13+00W to 7+00S, 9+00W form retention ridge. Demolition is dumping in that area in and around station 4+50W, 2+00S - 8+00S, as per approved permit.

TRENCH:

Trenches dry. Trench in the east being received demolition.

FENCES:

Fences are in good condition.

VEGETATED AREAS:

All wooded and grassed areas clean and void of litter

VECTOR & INCINERATION:

No smouldering or blowing refuse or evidence thereof observed. No rodents observed on site. Monthly exterminator hired for vermin control.

OFIGINAL THAT

#### SANITARY LANDFILL REPORT

Completed area in North, Northwest, and West sections being stabilized with fast growing grass. Complete and bring to grade the area in the south-southeast

part of landfill.

Maintain good soil cover over refuse.

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

Charles A. Costello

cc: Novak Sanitary Landfill Carl F. Gitschier

South Whitehall Township Manager

ER-SWM-1:5/79

### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

	NTIFICATION NUMBER (1-	7)	INSPECTION DATE (9-14)	INSPECTORS SOC. SEC.			24}
	100534	<u> </u>	10/9/20	184-50-21	<u> </u>		
	NE OF DISPOSAL FACILITY	145 1.44	FACILITY ADDRESS	<u> </u>	. :		
		Ry LANDFILL.	RDA/ ALLEN	IUWN (A.		_	_
	NICIPALITY	स्ति कुला हो। संतिक क्षेत्र	COUNTY	•			
	UTA-WAITEHA		60416H -	A COLUMN TO THE PROPERTY OF TH			1
		, ADDRESS, AND TELEPHONE NUMBER)	Rox1 Allero	, 2,		٠.	
	LY VOLUME RECEIVED	ANNUAL REPORT RE		S PER WEEK			
	25 T/D	ye S	in the second se	RATED 5.5			
	-3 1/D						
	<del></del>	1 - Compliance, 2 - Non-Complia	ince, 3 - Not applicable	<del></del>	·		_
	CHAPTER CITATION	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		-	1	2	3
26	<b>75.21(m)(3)</b>	Suitable barrier blocks access to site when	attendant is not present.				
27	75.21(s)	25' setback line buffer zone present	angue (e.)		/		
28	75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for	minimizing fire hazard	·			. 7.
١.	75.21(q)	Approved operational safety program being	g utilized		1		
30	75.21(p)	Effective vector control program utilized a bird, mosquito, rodent, fly	at site where needed. Circle vector a	program required:	1		
31	75.21(m)(2)	Hours of operation prominently posted			<del>は</del>		
2 32 ·	75.21(k)	Telephone or other communications available	ble		1		
33	75.21(o)(1)	Salvaging occurs in accordance with regular	tions		1		
34	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and metho	od of measurement provided		1		
35	75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of	compacted cover material placed or	surface of final lift			1
<b>3</b> 6	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at	t the site		1		
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as a	approved by Department				<b>V</b>
<b>3</b> 8	75.24(c)(2)(xi) & Adequate source and type of cover material being utilized						
<b>3</b> 9	75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded	collection vehicles	Cong. Mar.	1		
ر ا	75.24(c)(2)(ii)(iii), ; 75.37(d)(1)(2) & 75.38 11(8)(viii)	Slopes, benching and terracing in accord w			1		7.T)
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 11(8)(ii)	Fire breaks	· · ·	02210	1		•
7.		<del>Carlo de la composición de la composición</del>	<del></del>	20042	7		

ER-SWM-1A:5/79

### MMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

				_	,
	CHAPTER CITATION		1	2	
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management			
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	1		
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	7		
45	75.24(c)(2)(x)	Approved subbase being utilized	V		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	1		•
47	75.25(h)	Lined site, under drains operable			
48	75.25(i)	Are liners in place and covered with protective earth		·	
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained			
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			
51 _	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	1	,	
52	75.26(b), 75.37(k)(2), (3), 75.38 11(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	1	_` 	
53	75.26(q)	At lined sites, is all waste deposited on lined areas			
54	75.26(f)	Regulation ban on open burning adhered to	<b>V</b>		
55 _	,,75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	/		
58	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	<b>\</b>		
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	1		
5 <b>8</b>	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	1		
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	7		
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	レ		
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	1		
82	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	/		į
63	75.26(j), (k)	Blowing litter controlled	M		
64	75.26(c)	Provision for standby equipment available when needed		_	Ì
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	V	•••	
66	Chapter 101(9)(e)(2)	Is bonding status correct	7		Ì

5 ER SWM-18,28,38 DEPARTMENT OF ENVIRONMENTAL RESOURCES LIGHT WIND SANITARY LANDFILL, INDUSTRIAL SITES DEMOLITION SITES, FLYASH SITES, SLAG SITES ACCIPTING WASTES AT TIME FORM NO. 10, 11, & 12 of inspection. TOIL MATRIAL 15 PIING RIMOURS - I RUM DenicitiON ARIA NOS ZING TIMES. FINE Some TEST PITS MODERBIES DUG AND ARE AWAITING YOTHER JURITY NEVA AS A CLASS ITT DIMO CITE. APPEARS TO BE IN COOK MONDITIONS CHASE JUER DETRUKED PROPER RECOMMENDATIONS (1. MONTINGE TO PER UT BRUNKING MITTAINE AUS CANDAGE SURAGE MARK AS WATERLY AS POSSIBLE. (2) PUT OF 152110 SAL LITTER FUNCIS WALKE NLESSES AND PURE MAT WELL WARN BLOWN C. TIKE 3) CONTINUE WITH TERESTRATE THORE WIR MATERIAL WHINF NEEDED AND BRING -------GRADE AS IN AS / STACE. @ MONTINUE DOING THE WINGL MUNSUKIS

Department of Environmental Resources Representative

Oncestor

Operator

SEPTEMBER 1980 INSPECTION

3.77

WEATHER: Cloudy 50°F

NOVAK

SANITARY LANDFILL REPORT

OCTOBER 28, 1980

PUBLIC ROADS:

Legislative Route 39042 muddy for approximately 200 feet east of the access road entrance. No litter of blowing refuse along public roads.

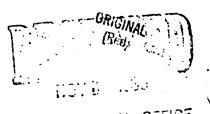
ACCESS ROADS:

Somewhat muddy but easily passable by all vehicles.

DISPOSAL AREAS:

Disposal operations have shifted from that area southeast of the landfill (that area at and around grid station 10+50W, 11+00S) to the vicinity of 15+00W, 11+00S due to wet weather. Garbage disposal operations will then shift towards the north in coming winter.

Observed compactor making repeated passes over refuse. Soil was also observed being added to the compacted refuse.



REG. REGIONAL OFFICE

TRENCH:

Soil being taken out of trench and being used for cover, as per approved plan. Trenches dry.

FENCES:

In satisfactory condition.

**VEGETATED AREAS:** 

All trees and brush around perimeter of landfill clean.

<u>VECTOR</u> & INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on site. Monthly exterminator hired for vermin control.

### NOVAK SANITARY LANDFILL REPORT

COMMENTS:

Maintain good soil cover over refuse. Side slopes of the trench should be reduced so they are no greater then 1:1.

Fill in low spot at approximately 300 feet south of the access road entrance in main access road.

INSPECTED BY: Xyunt And DATE: October 28, 1980

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST: Clarles a. Costella

Charles A. Costello

CC: Novak Sanitary Landfill

John S. Sims, Bureau of Solid Waste Management

South Whitehall Township Manager

RDG. ALCOUNT OFFICE DLFT. CHENV. RES.

100534

Bureau of Solid Haste Management Reading Regional Office Wernersville, Pennsylvania 19565 AC(215)678-5657

November 13, 1980

Novak Landfill, Inc. Allentown, Pennsylvania 18104 R. D. 1

Attn. of Louis Hovak, President

eksiler (

The Department of Environmental Resources has recently begun an evaluation of all known solid waste disposal facilities in the Common-Gentlemen: wealth as part of a National program to upgrade or close all sites wearth as part of a national program to upgrade of the liational classified as open dumps within the next five years. This liational program is based on Subtitle D, Section 4005 of the Resource Conservation and Page 1974 and the Chan Dimn Criteria miblished in the and Recovery Act of 1976, and the Chen Dump Criteria published in the and Recovery act of 1970, and the open number criteria published in the Federal Register September 13, 1979 (Vol. 44, No. 179, Page 53433).

Your site has been evaluated and found to be an open dump based on non-Compliance with one or more of the following Criteria.

nce with one or more of the	Surface Water
— Floodplains Air	Disease Endangered Species
Access	Food-Chain Bird/Aircraft Hazards
X Explosive Gases Fires	has not been evaluated at the pi

\*For most sites, ground water has not been evaluated at the present time.

Those sites evaluated and found not to comply with the Criteria Will be reported to the Environmental Protection Agency and published in the Open Dump Inventory as required by Section 4005 of RCRA. It is important to note that as a result of this evaluation the name of your facility will be published in the Federal Register in January 1931, as an Open Dump. In order to remove your name from the list you must

iRed!

. .

Novak Landfill, Inc. November 13, 1939 Page 2

upgrade the facility and comply with all Criteria. This can be done in the form of a compliance schedule. Once you have corrected the violation(s) contained in the compliance schedule your site will be reevaluated, and if you meet all Criteria, the Department will advise EPA and request that your site be removed from the list and reclassified as a Sanitary Landfill.

The Department will contact you regarding this matter in the near future. If you have any questions prior to this time, please feel free to call the Regional Operations Chief, John H. Parsons, at the abovelisted telephone number.

incereiv.

Leon L. Kuchinski Regional Solid Waste Manager Reading Region

LLK: JHP: dh

bcc: Rdg. File "

Hbg. File

thed!

100534

(1)

Wither: Sunny 40°F

Date: November 20, 198

OCTOBER 1980 INSPECTION

NOVAK

SANITARY LANDFILL REPORT

PUBLIC ROADS:

Legislative Route 39042 and Township Road T-593

basically clean.

MCCESS ROADS:

All in good condition.

DISPOSAL AREAS:

Disposal operations presently going on the vicinity of 15+00W, 11+00S and will shift towards the north in coming months. Compaction processes observed and adequate daily soil cover applied over the refuse is recommendable.

NOV281989

Mouj

RDG. REGIONAL OFFICE DEPT. OF ENV. RES

TRENCH

Trenches dry.

FENCES:

In satisfactory condition.

VEGETATED AREAS:

Free of litter, in good shape.

VECTOR & INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on site.



RES. RESIONAL OFFICE

20043

ORIGINAL (Red)

#### NOVAK

#### SANITARY LANDFILL REPORT

COMMENTS:

Adequate daily soil cover applied over the refuse is recommendable.

A series of backhoe tests were taken on the future demolition dumping area. No bedrock at a depth of 200 inches or less for 5 backhoe tests.

INSPECTED BY: Suremil for

DATE: November 20, 1980

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST: Charles a. Cotallo

Charles A. Costello

CC: Novak Sanitary Landfill John S. Sims South Whitehall Township Manager

- 07710g

ER-SWM-1:5/79

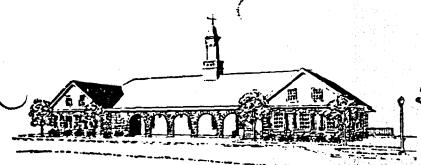
### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDE	NTIFICATION NUMBER (1-	7)	INSPECTION DATE (9	-14)	INSPECTORS SOC. S	EC. NO	. (1	B-24)
	100534	•	12/4/80	•	184.50-	2100	5	
	_		FACILITY ADDRESS					
	NOUPK JA	NITARY LANTINE	K9*/	111	NWOTEN	PP.		•1, •
			COUNTY					
ALTERNATION OF THE PERSON NAMED IN	South-Willie	ALL TOWNSHIP			معهرين ومينس والجهار		,,	ध <del>का</del> , रेक्टेन 
FAC	and the state of t							
10	1115 71 NOV							
DAII			ECEIVED					
	L) TON/SA	165		OPER	ATED 3/3			
		1 - Compliance, 2 - Non-Compl	liance, 3 - Not applicable					
	CHAPTER CITATION					1,		3 3
26	75.21 (m) (3)	Suitable barrier blocks access to site whe	en attendant is not present.			L	1	
27	75.21(s)	25' setback line buffer zone present				1	1	
28	75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for	or minimizing fire hazard			V	1	J.
29	75.21(q)	Approved operational safety program bei	ing utilized			V	1	 د د
30	75.21 (p)	Effective vector control program utilized bird, mosquito, rodent, fly	at site where needed. Circle	vector pro	ogram required:	~	1	1
31	75.21(m)(2)	Hours of operation prominently posted				7	才	丁
32	75.21(k)	Telephone or other communications avail	labie			7	个	T
33	75.21(0)(1)	Salvaging occurs in accordance with regu	lations			1	1	
34	. 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and meth	nod of measurement provided			1	1	
35	75.24(c)(2)(xx1), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer o	of compacted cover material p	laced on s	surface of final lift		Ī	~
36	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered	at the site			~	1	T
. 37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as	approved by Department					V
38	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover mate	rial being utilized			7		T
39	75,24(c)(2)(v) & 75,38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loader	d collection vehicles			7	1	
40	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Stopes, benching and terracing in accord	with regulations		0.74978	1	1	7
41	IAME OF DISPOSAL FACILITY  TOURK  AUTHORITY  COUNTY  C							

#### DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

		DEMOLI	TION SITES, FLYASH S FORM NO. 10	ISTRIAL SITES,			
CHAPTER	CITATION	1 - Complian	ce, 2 - Non-Compliance,	SITES			****
			e and the second	3 — Not applicable			
75.24hv.	i) 75 and	Gas management					TT
		Ground water monitoria	ng requirements being met				14
75.24(c)(2)(x & 75.38 (1(8)	i), 75.37(k). A	pproved cover material	Deing met			$\dashv$	1
45 75.24(c)(2)(x)	Ar Ar	Proved ente	being utilized				1
75.24(c)(2)(xvi & 75.38 II(8)(i	), 75.37(k) Pro	per barriers being main	tilized		,		Ħ
47 75.25(h) 48 75.25(i)						1	H
49 <u>75.25(o)(3)</u> 50 <u>75.26(a) &amp; 75.37</u>							11
75.201		ate treatment facilities	hein-			出	1
75.26(1)	Erosio	n controlled on site, div	pering operated properly version ditches as required			17	书
75.26(b), 75.37(k)( 52 75.38 II(8)(ii) 53 75.26(q)	2), (3), Solid w	aste spread and company	ortches as required			#	龙
54 75.26(f)	At lined	sites, is all waste depos	ited in layers not exceeding	g two feet deep		11	1
75.26(d) & 75.38 II(6	- 30,8(/6	on ban on open burning	adherent			1-1	
75.26(I) & 75.38 II(8)	Wa:	ite properly controlled	ere in the graph of the				7
7 75.26(s)	of each wo	ninimum six inch layer or the six inch layer	of compacted material			#	-1 1
75.26(n)	Intermediate	wastes & sludges stored	and/or disposed with	ced on all exposed solid we ten Departmental approval cover material	iste at the end	77	
75.26(d) & 75.38 II(8)(i	Unloading an	ea restricted to	8-foot layer of compacted	ten Departmental approval cover material placed on co		14	
75.26(q), 75.37(k), (s) & 75.38   1(8)(x)	Working face	area confined to size on	ty of the working face	praced on co	ompleted lifts		1
75 26/-1			itable for daily cover/corr	Paction		$\prod$	
75.38 II(8)(vi) 75.26(j), (k)	Dust controlled	at site			<u> </u>	廿	
75.26(c)	Blowing litter co	Ontrolled					
75.26(a), (p), 75.37(j), 75.38 II(8)(ix)	Frovision so-		le when		IT	77	
hapter 101(9)(e)(2)	s bondin	with been established to	prevent soil erosion			Ħ	ı
**************************************	s bonding status o	orrect	le when needed O prevent soil erosion on c	listurbed er∰iGINA! (Red:		H	
			Supplies and the supplies			1	

COMMONWEALTH OF PENNSYLVANIA  COMMONWEALTH OF PENNSYLVANIA  COMMONWEALTH OF PENNSYLVANIA  COMMONWEALTH OF PENNSYLVANIA	-
COMMONWEALTH OF PENNSYLVANIA  COMMONWEALTH OF PENNSYLVANIA  COMMONWEALTH OF PENNSYLVANIA  COMMONWEALTH OF PENNSYLVANIA  DEPARTMENT OF ENVIRONMENTAL RESOURCES  BUREAU OF SOLID WASTE MANAGEMENT  STEEL BUREAU OF SOLID REPORT  STEEL BUREAU OF SOLID WASTE MANAGEMENT  BUREAU OF SOLID	. 1
INSPECTION REPORT INSPECTION REPORT	(
SANITARI SITES, FLYASH SITES  COMMENTS: 12	•
TACILITY OF EN FORM NO. 10, 11, & 12  FORM NO. 10, 11, & 12  DISPOSAL FACILITY 100 5 34  DISPOSAL FACILITY 100 5 34  LOUAR SHOTTER LANDFILL  AUTHORITY 11/20	
OPERATING CRACKING PI	
OPERATING AT TIME OF PITS MANE FILM  OPERATING AT TIME OF PITS MANE FILM  LOUR SHOUTHRY LANDYILL  DUG TN DEMOLITICA AREA. OUTRALL  DUG TN DEMOLITICA AREA. FAIRLY GOOD  DATE 12/4/RO  DA	
AF (UNRS	
(169 DILLION)	
(1620 MILL)  (1620 MILL  (1620	
(SG) A SIX INCH LAYER OF POMPAETED SOIL THE LIND OF PLACES OUTH ALL WASTES AT THE LIND OF PLACES OUTH ALL WASTES AT THE LIND OF RUFKENT PLACES OUTH ALL WASTES AT THE LIND OF RUFKENT	
SG, PLACES OUTH ALL WASTINNS OF RUFERAT	
FACTION	
REJUSE AND CARDBOARD DUMP PREVIOUS DAYS WATES WILL STELL REQUIRED	. • •
COVER MATERIAL	
COULT STIONS :	- ·,
REPONNENDATIONS &	
e noute My Elown Citie.	•
1 PICK UP OF REMOVING SALVAGES MATERIAL.	) (م
3 PLAN FOR REMOVING SALVAGES MITERIAL. IN SPRI	
3) Pers	
REMINDER! GROUND WATER NUNITORING FLYORET  QUARTERLY GROUND JANUARY 1.	•
REMINDER WATER MONTH	-
QUARTERLY GROUND JANUARY 1.	•
Dur on or	
0 1 drives 12/4/80 Lavis 1.11 wat	一 } A
Department of Environmental Resources Representative  CENTRAL OFFICE, APPLICANT, INSPECTOR, REGIONAL OFFICE	<b>۲</b>
Department of Environmental CENTRAL OFFICE, APPLICANI, INST.	



#### South Whitehall Tournship

4444 WALBERT AVENUE, ALLENTOWN, PA. 18104 TEL. (A.C. 215) - 398-0401

BOARD OF COMMISSIONERS

Donald W. Snyder, President \* Elwood M. Bernhard, Vice President \* Robert E. Beam \* William T. Ott \* Charles E. Mackenzie\_

December 5, 1980

Mr. John S. Sims
Department of Environmental Resources
Solid Waste Management
Wernersville, PA. 19565

Dear Mr. Sims:

As mentioned in our recent telephone conversation, the Pollution and Environmental Control Board of South Whitehall Township is requesting that you attend their next meeting. It is the Board's intention to discuss Novak's Landfill at this time and your input would be greatly appreciated. Their next meeting is to be held on January 6, 1981, at 7:30 P.M. If unable to attend at this time, please contact me so that an alternate date can be chosen.

Sincerely yours,

RSR: aek

Richard S. Ransel

Code Enforcement Officer

cc: Mr. Hein

200436

2037 LL 2000

DEPT. OF ENV. RES.

#### Bureau of Solid Waste Management Reading Regional Office Wernersville, Pennsylvania 19565 AC(215)678-6312

December 5, 1980

Mr. Bobby L. Smith P. O. Box 2027 Tyler, Texas 75710

Dear Mr. Smith:

Four applications for permit for Industrial Waste Disposal at Permitted Sites Module No. 1 for disposal of slag, shell cases, etc., generated at Tyler Pipe, P. O. Box 35, Macungie, PA, have been received and are undergoing review for completeness.

As soon as the review process is completed, we will send you our reply.

Sincerely,

Ronald F. Klinikowski Solid Waste Facilities Supervisor Reading Region

RFK:vd bcc: Rdg. file (2) 10053+ Chron.

ER+SWL.-14+ 5/79

DATE PREPARED

### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

PERN		MBER O	-	OSED
	Ш			]_

### INDUSTRIAL WASTE DISPOSAL AT PERMITTED SITES MODULE NO. 1

ຸ 1.	Facility Name: Novak Sanitary Landfill, Inc.
2.	Facility Location: South Whitehall Township (Lehigh County)
3.	Facility Owner: Louis J. Novak
4.	Facility Mailing Address: R. D. #1, Allentown, PA 18104
-	
5.	Facility Manager: Louis J. Novak Telephone No. (215) 395-6251
6.	Facility Contact: Louis J. Novak Telephone No. (215) 395-6251  (person responsible for providing data for this survey)
7.	Does the facility discharge industrial wastes to a municipal sewer system? Yes X No If yes, name of system
8.	Does the site have a leachate treatment facility?  Yes X No Yes, attach discharge standards.
9.	If the site is a landfill, attach last monitoring analysis. If last analysis is more than three (3) months prior, attach a current analysis to this module.
	months prior, attach a current analysis to this module.
DE.	months prior, attach a current analysis to this module.  SCRIPTION OF SPECIFIC WASTE:
DE.	months prior, attach a current analysis to this module.  SCRIPTION OF SPECIFIC WASTE:  Company origin of waste (name and address): Tyler Pipe Division, P. 0. Box 35,
DE.	months prior, attach a current analysis to this module.  SCRIPTION OF SPECIFIC WASTE:  Company origin of waste (name and address): Tyler Pipe Division, P. 0. Box 35,  Macungie, PA 18062
<i>DE</i> .	months prior, attach a current analysis to this module.  SCRIPTION OF SPECIFIC WASTE:  Company origin of waste (name and address): Tyler Pipe Division, P. 0. Box 35,  Macungie, PA 18062  Company Contact: Tom Brungard Telephone No. (215) 966-3491
<i>DE</i> .	months prior, attach a current analysis to this module.  SCRIPTION OF SPECIFIC WASTE:  Company origin of waste (name and address): Tyler Pipe Division, P. 0. Box 35,  Macungie, PA 18062  Company Contact: Tom Brungard Telephone No. (215) 966-3491  Treatment: Is waste conditioned prior to disposal? No How? NA
<i>DE</i> .  1.  2.	months prior, attach a current analysis to this module.  SCRIPTION OF SPECIFIC WASTE:  Company origin of waste (name and address): Tyler Pipe Division, P. 0. Box 35,  Macungie, PA 18062  Company Contact: Tom Brungard Telephone No. (215) 966-3491  Treatment: Is waste conditioned prior to disposal? No How? NA  Disposal: Present Method Landfill
<i>DE</i> .  1.  2.	months prior, attach a current analysis to this module.  SCRIPTION OF SPECIFIC WASTE:  Company origin of waste (name and address): Tyler Pipe Division, P. O. Box 35,  Macungie, PA 18062  Company Contact: Tom Brungard Telephone No. (215) 966-3491  Treatment: Is waste conditioned prior to disposal? No How? NA  Disposal: Present Method Landfill
<i>DE</i> .  1.  2.	months prior, attach a current analysis to this module.  SCRIPTION OF SPECIFIC WASTE:  Company origin of waste (name and address): Tyler Pipe Division, P. 0. Box 35,  Macungie, PA 18062  Company Contact: Tom Brungard Telephone No. (215) 966-3491  Treatment: Is waste conditioned prior to disposal? No How? NA  Disposal: Present Method Landfill  Provide and attach special characteristics of this waste which determine the method of disposal include chemical analysis, physical description, precent of water and leaching analysis relative to
DE. 1. 2. 3.	months prior, attach a current analysis to this module.  SCRIPTION OF SPECIFIC WASTE:  Company origin of waste (name and address):Tyler Pipe Division, P. 0. Box 35,Macungie, PA 18062  Company Contact:Tom Brungard Telephone No(215) 966-3491  Treatment: Is waste conditioned prior to disposal?No NA  Disposal: Present MethodLandfill  Provide and attach special characteristics of this waste which determine the method of disposal include chemical analysis, physical description, precent of water and leaching analysis relative to disposal proposal. Provide the date of all data submitted.

ÉR-	swm-	144	۱
5/79			

DATE PREPARED

## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

PER	MIT		_	F P	 POSED

### INDUSTRIAL WASTE DISPOSAL AT PERMITTED SITES MODULE NO. 1

		<del></del>						
8.	Average Daily Volume 27.7 yards cubed							
9.	Annual Volume 5,540 yards cubed							
0.	What process generated this waste? (Describe)Cupola melting open	rations						
		•						
	·							
	TABLE A - WASTE DESCRIPTIONS							
1.	CHECK APPROPRIATE CATEGORY							
	A-1 Concentrated sulfuric acid solutions with heavy metal							
_	A-2 Concentrated mixed acids with heavy metals							
_	A-3 Dilute acid solutions containing hexavalent chromium and/or oth	er oxidants						
_	A-4 Dilute acid solutions containing heavy metals but no hexavalent of	hromium or ammonia						
_	A-5 Dilute acid solutions containing heavy metals and ammonium sal							
_	A-6 Acidic nitrate solutions containing heavy metals							
	A-7 Acidic wastes with hazardous metals except Cr <sup>+6</sup>							
_	B-1 Alkaline solutions containing cyanides							
_	B-2 Alkaline solutions containing sulfides							
	B-3 Concentrated alkaline solutions containing no sulfide nor cyanide							
_	B-4 Miscellaneous alkaline solutions containing contaminants other th	an hazardous metals						
	B-5 Alkaline solutions containing hazarouds metals							
	C-1 Combustible organic sludges, solids and liquids							
-	C-2 Sludges, slurries and solids containing cyanides							
	C-3 Sludges, slurries and solids containing hexavalent chromium							
	C-4 Inorganic sludges, slurries, solids containing no hexavalent chromi	ium nor cyanide						
-	C-5 Wastewater contaminated with high concentrations or organic sub	ostances						
_	C-6 Organic contaminated solids							
_	X C-7 Other (describe) Solid waste - core butts, cupola bo slag; grinder and muller	ttoms, burnt sand,						

Liquid and pumpable liquid - solid mixtures

CCMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

	BUREAU
DATE PF SPARED	8
<b>,</b>	INIDIISTRIAI WAS

PERMIT NUMBER OF PROPOSED DISPOSAL SITE										

INDUSTRIAL	WASTE	DISPOSAL	AT PE	RMITTED	SITES
		ODULE NO			

•	Primary Characteristic  Inorganic  Acid  Alkaline  Cyanide  Filter Aids & Clays  Heavy Metal  *WWT Sludge  Pesticides	Organic  Oil & Oily Sludge  Paint & Pigment Residue  Plastic, Pasticizers, Resins, Elastomer Residues  Solvent  *WWT Sludge	Secondary Characteristic  ☐ Heavy Metals ☐ Other Metals ☐ Sulfides ☐ Hexavalent Chromium
•	☐ Alkaline ☐ Cyanide ☐ Filter Aids & Clays ☐ Heavy Metal ☐ *WWT Sludge ☐ Pesticides	<ul> <li>□ Paint &amp; Pigment Residue</li> <li>□ Plastic, Pasticizers, Resins, Elastomer Residues</li> <li>□ Solvent</li> <li>□ *WWT Sludge</li> </ul>	☐ Other Metals ☐ Sulfides
•	☐ Cyanide ☐ Filter Aids & Clays ☐ Heavy Metal ☐ *WWT Sludge ☐ Pesticides	<ul> <li>□ Plastic, Pasticizers, Resins, Elastomer Residues</li> <li>□ Solvent</li> <li>□ *WWT Sludge</li> </ul>	Sulfides
•	☐ Filter Aids & Clays ☐ Heavy Metal ☐ *WWT Sludge ☐ Pesticides	Elastomer Residues  Solvent  *WWT Sludge	
	<ul><li>☐ Heavy Metal</li><li>☐ *WWT Sludge</li><li>☐ Pesticides</li></ul>	□ *WWT Sludge	☐ Hexavalent Chromium
	<ul><li>□ *WWT Sludge</li><li>□ Pesticides</li></ul>		
	☐ Pesticides		☐ Organic
		☐ Pesticides	☐ Halogenated
	<b>—</b> .	☐ Still Bottoms, Heavy Residue	☐ Sulfonated
	☐ Catalyst	☐ Pharmaceutical Waste	☐ Inorganic
14.	Other, describe	☐ Other, describe	Other, describe
	Sand, ash, clay and slag (see attached analysis)  Hazards	•	Arsenic, chromium, coppe lead and phenols were at detectable level (see attached analysis).
	☐ Toxic Substance	☐ Poison	
	Skin Irritant	☐ Explosive	
	☐ Respiratory Irritant	☐ Carcinogen	
	☐ Corrosive to Steel	☐ Reactive, acid	
	Corrosive to Concrete	☐ Reactive, water	
	Corrosive, other	☐ Reactive, other	
	☐ Flammable	Ø Other, describe non-hazar	rdous
	Cyanogen		
C. DISF	POSAL METHOD: (describe a	pplicable items)	
Туре	e of disposal (i.e., landfill, lago	on, pond, etc.). Landfill (see	e attached permit)
DES	IGN SPECIFICATIONS.		
1. Li	ner type (i.e., concrete, asphal	t, clay, etc.) and thickness. N/A	·
2. Le			

## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

### INDUSTRIAL WASTE DISPOSAL AT PERMITTED SITES MODULE NO. 1

PERMIT NUMBER OF PROPOSE DISPOSAL SITE							

	arent problems in mixing w	ith other wastes.
4. Identify a	nd describe method of transports	ation of the waste the site. By truck
	PENTAL ASSESSMENT OF DISI provide the data or substantiation	POSAL: State briefly the anticipated impact of disposal an for the stated conclusions.
condit	ions to be created at disp	al does not indicate any undesirable osal site. This material is basically see attached chemical analysis.
·		
		•.
•		
ENGINEER	-	
1. Name	Arthur H. Bortz, P.E.	3. Registration Number 7881-E
2. Address _	Spotts, Stevens and McCo P. O. Box 6307	y, Inc. 4. Signature 1 This 7 Box
	Wyomissing, PA 19610	5. Seal of Registered Professional Engineer
Telephon	e Number & Area Code:	The state of the s

#### INDUSTRIAL WASTE DISPOSAL AT PERMITTED SITES

#### MODULE NO. 1

- 1. Describe in detail on a separate sheet the manufacturing process(es) generating the waste(s) and list the raw materials as well as intermediates and final products contained in each waste.
- 2. Include an analysis of the waste itself and a leachate analyses of the waste. The analyses must contain but need not be limited to the following parameters unless the applicant has specific knowledge of the absence of any of these parameters:

Percent Solids Arsenic Cadmium Chemical Oxygen Demand Copper Total Organic Carbon Chromium Oil/Grease Lead Total Dissolved Solids. Mercury Total Volatile Solids Molybdenum Specific Conductance Nickel Ammonia-Nitrogen Selenium Phenol Silver Cyanide

If codisposal with municipal refuse is proposed, use ASTM Method B or EPA's extraction procedure for leaching the waste. Otherwise, use ASTM Method A. Use appropriate Standard Methods of Analysis or EPA's methods for the chemical analyses.

For the analysis of the waste itself, use a nitric acid digestion for extraction of the metals. An organic analysis may be required if the waste contains appreciable amounts of organics.

### Bureau of Solid Waste Management Reading Regional Office Wernersville, Pennsylvania 19565 AC(215)678-6312

December 16, 1980

Tyler Pipe P. O. Box 35 Macungie, Pennsylvania 18062

Attn. of Mr. Bobby L. Smith Technical Services Manager

#### Gentlemen:

Your application for Industrial Waste Disposal at Permitted Sites Module No. 1 for slag produced in a cupola melting operation and disposal at the Novak Sanitary Landfill, Inc., South Whitehall Township, Lehigh County, has been reviewed and found to be incomplete in the following areas:

- All chemical analyses must be submitted on the original forms, or Xerox forms, as received from the laboratory with the signature of the chemist.
- 2. Not all of the analyses required were submitted to this office. Why were some of the analyses omitted.
- 3. A number of parameters were listed as not detected. What cut-off point was used for these parameters.
- 4. Explain the causes for increase in:
  - a. nickle concentrations in the burnt resin sand leachate;
  - b. cadmium and copper concentrations in the shell core butts leachate:
  - c. nickle in the cupola bottom drop leachate;
  - d. cadmium concentration in the cupola lining leachate.
- 5. Chemical composition and percentage of organic binder used in the shell core butts.

Tyler Pipe Page 2 December 16, 1930

Feel free to contact this office if there are any questions regarding this letter.

Sincerely,

Ronald F. Klinikowski Solid Waste Facilities Supervisor Reading Region

RFK:vd bcc: Rdg. file (2) / 100 / 4 Hbg. office Chron.

### VICTOR M. FREY, P.E.

CIVIL ENGINEER

SURVEYOR

### BOX 508 - ROUTE 2 - OREFIELD, PA. 18069 - A. C. 215 395-0874

	•		DATE	December	26,	1980
Mr.	Richard S. Ransel		· · · ·			*****
Sou	th Whitehall Township					
444	4 Walbert Avenue					
A11	entown, Penna. 18104	,				•
RE:	Pheasant Hill Estat	es - South	Whitehall Town	ship		
						,
	<del> </del>	·		<del></del>		• ~
,						
GENT	LEMEN:					•
E	NCLOSED PLEASE FIND	<b>4</b>		•	•	
	1 copy of the Soil B	crosion and	Sedimentation	Control Pla	an	_
_	for submission to Pa	. Dept. of	Enviornmental	Resources.		
-						
_	Ref: Sanitary Lands	111		<del> </del>		_

As requested.

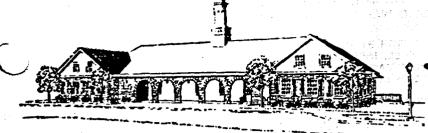
VERY TRULY YOURS,
VICTOR M. FREY

RECEIVED

JAME 1981

RDG. REGIONAL OFFICE INAL

200,445



### South Whitehall Township

4444 WALBERT AVENUE, ALLENTOWN, PA. 18104 TEL. (A.C. 215) - 398-0401

BOARD OF COMMISSIONERS
Donald W. Snyder, President \* Elwood M. Bernhard, Vice President \*
Robert E. Beam \* William T. Ott \* Charles E. Mackenzie

December 31, 1980

Mr. Darryl Fritz Dept. of Environmental Resources Bureau of Solid Waste Management Wernersville, PA. 19565

Dear Mr. Fritz:

Please find enclosed one (1) copy of the Soil Erosion and Sedimentation Control Plan of the Pheasant Hills Estates subdivision in South Whitehall Township. As mentioned in our conversation, the drainage plan for this subdivision indicates that storm water from this land is to be drained onto the property of Novak's landfill.

Please review this plan and submit your comments to the Department of Community Development of South Whitehall Township. The Township is not only concerned with the impact of this proposal at the present time but also as the landfill is brought up to final grade. So please consider this in your review. The Township would like to have these comments available to the Planning Commission prior to their meeting which is to be held on January 19, 1981. Also please forward your comments to Mr. Victor M. Frey, P.E., representative for the subdivision.

Sincerely yours,

RSR: aek

Richard S. Ransel

cc: Subdivision File R. De Lorenzo

Victor M. Frey, Box 508, Rte. 2, Orefield, PA. 18069

260446 AND 1881

RDG. RECGONAL OFFICE AND DEPT. OF ENV. NES.

# ER-SWM-1:5/79

## DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

# INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

	00534	7) INSPECTION DATE (9–14) INSPECTORS SOC. SEC			
	NE OF DISPOSAL FACILITY	1/21/8/ 184-50 - FACILITY ADDRESS	2/0	76	
		May LANDILL ROSI ALLENDUN	$\lambda$	, ,	
	NICIPALITY	COUNTY	177	_	
5	SOUTH WHITE	FHALL TWP, LETHIGH -		e e	 स्टब्स्
		, ADDRESS, AND TELEPHONE NUMBER)			
	Louis J. N	WAK SK, RDY ALLENTOWN FOR			•
	LY VOLUME RECEIVED	ANNUAL REPORT RECEIVED DAYS PER WEEK			
·/~	75-200 T/	D YES OPERATED 5.5	····		
	< 1/18	1 — Compliance, 2 — Non-Compliance, 3 — Not applicable			
	CHAPTER CITATION		1	2	3
<del></del>	75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	1.	_	$\vdash$
. 26 27	75.21(s)	25' setback line buffer zone present	1		一
28	75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	1		
29	75.21(q)	Approved operational safety program being utilized	17		<i>y</i> ~
•	75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required:			<b>M</b>
30	·	bird, mosquito, rodent, fly	1		
31	75.21 (m) (2)	Hours of operation prominently posted	1		
32	75.21(k)	Telephone or other communications available	1		
33	75.21(o)(1)	Salvaging occurs in accordance with regulations	7		
34	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	~		
35	75.24(c)(2)(xxl); 75.37(j) & 75.38 11(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift			1
38	75.24(c)(2)(i), 75.37(e) & 75.38 11(8)(viii)	Surface water management administered at the site	/		
7.7	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department			بر
38	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized  ORIGINAL	1		
39	75,24(c)(2)(v) & 75,38 !!(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles (Red)	~	•	
40	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 11(8)(viii)	Slopes, benching and terracing in accord with regulations	V		<u> </u>
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 [](8)(ii)	Fire breaks	7		

. 4 'ER-SWM-1A:5/79

## MMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

# INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

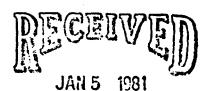
	CHAPTER CITATION		1:	2
	75,24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management		
	75.24(b)(4)(i), 75.37(k)(6), & 75.38 11(8)(i)	Ground water monitoring requirements being met	1	
	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	~	
	75.24(c)(2)(x)	Approved subbase being utilized	1	
	75,24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	Z	_
-	75.25(h)	Lined site, under drains operable		
	75.25(i)	Are liners in place and covered with protective earth		
_	75.25(o)(3)	Lined site, daily record of leachate flow maintained		
	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly		Γ
_	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	1	
	75.26(b), 75.37(k)(2), (3), 75.38 (1(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	1	
	75.26(q)	At lined sites, is all waste deposited on lined areas		
	75.26(f)	Regulation ban on open burning adhered to	1	
*	_75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	/	
	76.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	/	
	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	~	
	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	/	$\Gamma$
3	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	1	
_	75.26(i)	Working face area confined to size suitable for daily cover/compaction	1	Γ
1	75.26(q), 75.37(k), (s) &	Operation in accordance with approved plans		
Ē	75.26(g), (h) & 75.38 i1(8)(vi)	Dust controlled at site		
Ī	: <b>75.2</b> 6(j), (k)	Blowing litter controlled Unit	レ	
	75.26(c)	Provision for standby equipment available when needed (Red)	V	
	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		•

### November 1980 Inspection NOVAK SANITARY LANDFILL REPORT

DUBLIC ROADS: L.R. 39042 and T-593 clean.

ACCESS ROADS: Main access road somewhat moist but easily passable by all vehicles.

DISPOSAL AREAS: All disposal areas dry and generally in good condition. Continue to make sure soil is applied over the refuse to minize flies and other vectors. Observed soil being placed over the refuse and compactor making repeated passes over the refuse.



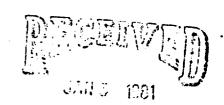
Pedi

RDG. REGIONAL DERT, OF EN 200446 TRENCH: Trenches dry.

FENCES: In satisfactory condition!

<u>VEGETATED</u> <u>AREAS</u>: Small amount of litter in trees and bank southeast of landfill due to strong wind.

<u>INCINERATION:</u> No smouldering or burning refuse or evidence there of observed. No rodents observed on site.



### SANITARY LANDFILL REPORT

COMMENTS:

Clean trees and brush of blowing litter. .
Adequate daily soil cover applied over the refuse is recommendable. Fill in low spot at approxemately 300 feet south of the access road entrance in main access road.

ORIGINAL (Red)

INSPECTED BY: Suyen-Mu fam DATE: Dec. 13, 1980

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST: Charles a Costells

cc: Novak Sanitary Landfill
Department of Environmental Resources
South Whitehall Township

10851 --- 20045

	- <del></del>			
<i>3</i>				
ER -SWM-18,28,38	W. 2		L	
WLATAIN! POOL !	DEPARTMEN	NWEALTH OF PENNS T OF ENVIRONMENTA		
MILTON, 2-4 INCh	Swow BUREAU	OF SOLID WASTE MA	NAGEMENT	
WER CALM	SANITAI	INSPECTION REPORT RY LANDFILL, INDUSTRI ON SITES, FLYASH SITES	AL SITES	*
TOCKITY OFFN	TUK	COMMENTS: FORM NO. 10, 11, & 12		
OPLEATING AT	TIME of 1	rspertion.	DISPOSAL FACILITY 10	•
WASTES ARE TO	BEING DEPO	SIRD IN	NOVAK SANITA	Ry LANDTIC
THE SOUTH E	ASTERN ARES	n of 5172.	DATE 1/21/81	
OUTE ALL for	acity APPI	this to B	FIN FAIRLY GO	OD SHAPE
RECOMMENDA	rins Aus Si	466 1-57122	s <u> </u>	
(I) nouting	UF TO OFG	INIZE SI	BUAGE PEFAS	Transference Francisco
(2) PLAN T	O START	YU KEVEG	TATE DISTUR	RED AREA
DURANG	SFRING	SEASON.		
(3) CONTINUI	F TO PLACE	F \$ 600 b	SOIL LAYER	ovin
U WASTE	= PAILY.			
40 MONTINU	E REMOVING		D CAXDROAR]	>.
The same of the sa	4.			

ORIGINAL (Red)

John A Line 1/3./81

Department of Environmental Resources Representative

Louis Morale

Operator

Weather: Sunny 45°F

Date: January 27,

DECEMBER 1980 INSPECTION

XCVAX

### SANITARY LANDFILL REPORT

PRINC ROADS:

Legislative Route 39042 and Township Road T-593 basically clean.

CODSS ROADS:

Somewhat muddy but easily passable by all vehicles.

MASSOSM AREAS:

Disposal operations presently going on the vicinity of 14+00W, 10+00S.

Work will progress in this area until surface of fill reaches grade.

All disposal areas dry and generally in good condition.

RECEIVED

FEB 2 197

RDG. REGIONAL DEET. OF ENV. RES.

Trenches dry.

FENCES:

Fences are in good condition.

VIGORAGED AREAS: Small amount of litter in trees.

VECTOR & INCINERATION:

No rodents observed on site. No smouldering or burning refuse.

GRIGINAL (Red)

FEB 12 (801

1.00454

REG. REGIONAL OFFICE DUFT, Gr. 2144, REG.

### SANITARY LANDFILL REPORT

CONDUCTIONS:

Clean trees and brush of blowing litter.

Continue to apply adequate cover to refuse as it is unloaded to minimize blowing litter.

Regrade main access road.

INSPECTED BY: Christil

DATE: January 27, 1981

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

Charles A. Costello

CC: Novak Sanitary Landfill

Department of Environmental Resources

South Whitehall Township

200455

RUG HEMORAL OFFICE

P. O. Box 2027 Tyler, Texas 75710, Te 214/882-5511

### Tyler Pipe

Subsidiary of Tyler Corporation

January 27, 1981

Ronald F. Klinikowski Solid Waste Facility Supervisor Department of Environmental Resources Bureau of Solid Waste Management Wernersville, PA 19565

Dear Mr. Klinikowski:

The solid waste produced at the East Penn Foundry and identified as the "Grinder and Resin Sand Muller Waste" was analyzed in our laboratory using the appropriate EPA methods for chemical analysis.

The analysis of the Solid Waste itself was by nitric acid digestion for extraction of the metals.

Sincerely yours,

Bobby L. Smith

Technical Services Manager

BS/nm

Enclosure

Attachment B.4.

cc: T. Stewart

T. Brungard

#### **ATTACHMENT**

#### B. 4.

## EAST PENN SOLID WASTE NITRIC ACID DIGESTION

### Grinder and resin sand muller waste Sample date: 8-18-80 Analysis completed 10-24-80

	Solid	Leachate
ъН	7.81	::/A
* Solids	72.88	N/A
% Vol. Solids	6.20	N/A
Arsenic	0.1	N/D
Lead	N/D	::/p
Nickel	0.77	0.30
Copper	3.0	n/5
Cadmium	0.12	N/D
Silver	N/D	מ/מ
Chromium	0.90	N/D
Molybdenum	N/D	N/D
Ammonia-Nitrogen	15.9	N/A
Specific Conductance	N/A	270.0
Phenol		N/D

Values are Mg/L except % Solids and pH.

N/A - Not Applicable

N/D - Not Detected

000 T 22- 10001 - 1 - 0 Y

### LABOHATORY ANALYSIS REPORT

### 6 Lancaster Laboratories incentrated

LLI Sample No TL 124731

Date Reported 1/12/83 Date Submitted 12/23/80 P. O. No. Leonard J. Web

Spotts Stevens & McCoy Inc.

Tyler Pipe wastes Attn: Len Weckel Samples collected 12/23/80 by LW/PG

ANALYSIS	AS RECEIVED	LAB CODE
Ammonia Nitrogen	1.7 ma/1	221-24-00
Arsenic	<ু0.004 mg/1 ১	245-54-01
Barium	1.0 mg/1 /00	246-54:01
Cadmium	< 0.00S mg/1 /	2-9-54-01
Chromium	< 0.05 au/1 5	201 64-01
Conser	<	230-54-01
Lead	< 0.05 mark 5	200 94-01
Mercury	< 0.001 mg/l .2	239-40-20
Molybdenum	< 0.1 mg/3	230-54-01
Nickel	< aq 1	261-54-01
Selenium	<0.004 mg/3 /	234-54-02
Silver	0.03 med 1 5	266-54-01

The above analyses were performed on the DP to coulty leads according to Federal Register May 17 1780 p.33127.

Leachate Preparation:

175.3 grams of composite foundry waste. 2005 mt distilled water Controlling the leachate pH at 5.0 as prescribed enturied the addition of a total of 87.8 ml 0.5 d montic acid. The leachate was filtered after 24 hours agitation and an additional stD ml distilled water was added; to bring total volume to 20 times initial sample mass.

The above analyses indicate that the countited solid waste sample does not exhibit the characteristic of EP Toxicity as defined in Section 261.2. Federal Register 1980 . p. 33122.

Samp Prep 125.00

200458

INV TO- Spotts Stevene & McCo, In 275.7 - 154 Respectfull, embarted Laboratories.



MAIN LABORATORY:

2425 New Holland Pike, Lancaster, Pa 17601 • (717) 656-2301

FRANKLIN DIVISION.

P.O. Box 467\_3 Barnett Ave., Waynesboro, Pa. 17268 • (717) 762-9127

Juffer Flower

Robert f. Beirgi h.A. Me

### LABORATORY ANALYSIS REPORT

## Lancaster Laboratories INCORPORATED

LLI Sample No G 124783

Date Reported 1/12/8/9-10. No. Lechard J. Wei

Spotts Stevens & McCoy Inc.

Tyler pipe foundry wastes — Attn: Len Weckel Samples collected 12/23/80 by LW/PG

ANALYSIS	AS RECEI	VED	LAB CODE
Arsenic	1.82	្រុក្សា	145-54-03
Cadmium	< 0.1	2236	149-54-01
Chromium	24.	ppm	151-54-01
Copper	40.4	Ex Ex Tit	153-54-01
Lead	<b>62.</b> 5	ខុត្តា	155-54-01
Mercury	< 0.05	ស្សា	159-54-02
Molybdenum	< 10.	क क्रम	160-54-01
Nickel	< 5.	ppm	161-54-01
Selemium (Fluorimetric)	< 0.5	mag	164-54-00
Silver	< 2.	ទូទ្ធភា	165-54-01
pH	11.47		200-24-00
Oil (Soxhlet Ext.)	0.11	n) Zu	236-23-01
Total Organic Carbon	0.164	% by wt.	999-20-02
Phenolics	. 2.33	pin	999-27 0
Ammonia Nitrogen	<25.0	ja ja čili	779-22
Total Cyanide	.39	(a) (a) (b) (b) (b) (b) (b) (b) (b) (b) (b) (b	777-23-02

THE above analyses were performed on a composite of four founds, waste submitted by Len Weckel. The composite was prepared by LLI as follows:

Core butts	10% by	volume	collected	12/23/80	1200	b.	1.11 11 15
Cupola bottom	10% by	volume	collected	12/23/80	1200	bУ	Edition G
Burnt sand	40% by	volume	collected	12/23/80	1200	bУ	120 23
Slag	40% by	volume	collected	12/23/80	1200	Ь×	LU/FG

The pH was performed on a 5 % solution.

Grinder and Resin Trace Amount
Sand Muller

Waste See attached analysis sheet

Samp Prep 10.00

200459

INV TO- Spotts Stevens & McCov In 235.00 154 Respectfully submitted  $\sim$  Lancaster Laboratories. Inc.



MAIN LABORATORY
2425 New Holland Pike, Lancaster, Pa. 17601 • (717) 656-2301
FRANKLIN DIVISION:
P.O. Box 467, 3 Barnett Ave., Waynesboro, Pa. 17268 • (717) 762-9127

J. Wilson Hershey B.A., Mgr Instrumental Analysis Prose

### LABORATORY ANALYSIS REPORT

### Lancaster Laboratories INCORPORATED

LLI Sample No WW 125039

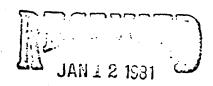
Date Reported 1/-9/8 Date Submitted 12/30/8 P. O. No. Leonard J. We

Spotts Stevens & McCoy Inc.

ASTM A Leachate of LLI 124782 Attn: L. Weckel

ANALYSIS	AS RECEI	VED	LAB CODE
На	11.49		200-20-0
Total Solids	275.	mg/1	203-24-0
Total Fixed Solids	230.	mq/l	204-24-0
Total Volatile Solids	45.	mq/l	205-24-0
Oil & Grease	< 5.	mq/1	231-24-0
Phenolics	0.143	mq/1	233-24-0
Chemical Oxygen Demand	27.	mq/1	234-23-0
Cyanide (Total)	< 0.005	mq/l	242-23-01
Total Organic Carbon	10.8	mq/1	273 <b>-20-0</b> 1
Specific Conductance	719.	umbos/cm25	280-24-0

The above analyses were performed on a leachate of LLI 124782 prepared according to ASTM Procedure A. 500 grams composite sample / 2 liters distilled water. This leachte was used for the above analyses since the EP and ASTM B leachate procedures cause uncalculable or unmanageably large background. The total solids and total dissolved solids are identical in that the leachate is filtered through 0.45 micron membrane filters after preparation.



SPOTTS, STEVENS and McCOY, Inc.

Samp Prep 25.00

200460

INV TO- Spotts Stevens & McCoy In 147.00 154 Respectfully submitted Lancaster Laboratories. Inc



MAIN LABORATORY:

2425 New Holland Pike, Lancaster, Pa. 17601 • (717) 656-2301

FRANKLIN DIVISION:

P.O. Box 467\_3 Barnett Ave., Waynesboro, Pa. 17268 • (717) 762-9127 /Robert

Cofea F Scisse

/Robert F. Beisel, M.A., Mac

Mater Quality Program

Weather: Sunny 40°F

Date: February 26, 1981

JANUARY 1981 INSPECTION

NOVAK

SANITARY LANDFILL REPORT

PUBLIC ROADS:

Legislative Route 39042 muddy for approximately 100 feet east of the access road entrance. No litter of blowing refuse along public roads.

ACCESS ROADS:

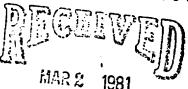
Main access road muddy due to low spots and recent rainy period.

DISPOSAL AREAS:

All disposal areas dry and in good condition, Refuse spread over large areas in 2-3 feet layers, covered with soil, mixed and compacted. Work will progress north until surface of fill reaches grade. West, southwest and northwest sections not disturbed.

OPIGNAS.

200461



RDG. REGIONAL OFF DEPT. OF ENV. RES. TRENCH:

Some water in trenches.

FENCES:

In satisfactory condition.

VEGETATED AREAS:

Small amount of litter in trees and bank southeast of landfill due to strong wind.

VECTOR & INCINERATION:

No smouldering or burning refuse on site.
No rodents observed on landfill.

ORIGINAL (Red)

#### **NOVAK**

#### SANITARY LANDFILL REPORT

COMMENTS:

Cover refuse with soil daily and thoroughly

compact.

Clean blowing litter from trees and brush.

Regrade main access road.

Pump water out of trenches as much as possible.

INSPECTED BY:

Husemak

DATE: February 26, 1981

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

AMERICA COLOR (1 Costallo)

ORIGINAL Prod

cc:

Novak Sanitary Landfill

Department of Environmental Resources

South Whitehall Township

Weather: Sunny 40°? Date: February 25,

#### JANUARY 1981 INSPECTION

#### NOVAK

### SANIGERY LANDFILL REPORT

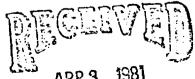
THE RORDS: Legislative Route 3904 and Township Road T-593 basically clean.

ROEDS: Dry, compact and in good condition. Low spots in main access road should be filled to improve the condition of the access road when raining.

基础外域设施。

E EXTAS: All disposal areas dry and generally in good condition. Continue to make sure soil is a plica over the refuse to minimize flies and other vectors.

> **ORIGINAL** (Red)



APR 3

RDG. REGIONAL OFFICE DEPT. OF ENV. RE206464

TRENCH:

Some water in trenches.

FENCES:

Fences are in good condition.

VEGETATED AREAS:

Small amount of littor in trees.

<u>VECTOR & INCINERATION:</u>

No smouldering or burning refuse on site. No rodents observed on landfill.

APRS 1231

HDG. REGIONAL OFFICE DEFT. CE ENV. RES.

### NOVAK

### SANITARY LANDFILL REPORT

COMMENTS: Pump water out of trenches as much as possible.

Regrade main access road.

Clean blowing litter from trees and brush.

Area at and around grid station 14+00 W, 11+00 S should be checketo final grade.

INSPECTED BY: Jujunta

DATE: March 21, 1981

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST: C. a. Colle

cc: Novak Sanitary Landfill
Department of Environmental Resources
South Whitehall Township

ER-SWM-1.5/79

## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

# INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

IDE	NTIFICATION NUMBER (1-	7)	INSPECTION DATE (9-14)	INSPECTORS SOC. S	EC. NO.	(16–2	4)
	1005 34		3/4/81	184-50-2	106		
NA	ME OF DISPOSAL FACILITY	<del>,</del>	FACILITY ADDRESS				_
	NOUAK SAND	TARY LANDFILL	PX#/ A	LLFATOWN	PA		
	NICIPALITY		COUNTY				_
,	BUTH LIMITER	HALL TOWNSHIP	LEHIGH -	n i katangan sa sa	, ,		٠.
		ADDDECK AND TELEBRIONE MUNICIPAL					
	ouis J. Nout		8\$1 ALLENTOWA	s, Pa.			
	LY VOLUME RECEIVED	ANNUAL REPORT REC		PER WEEK			
	250-300 7/5		OPER	ATED 5/5			
		1 - Compliance, 2 - Non-Complian	nce, 3 — Not applicable			·····	_
	CHAPTER CITATION	- <b>-</b>			- 1	2	3
26	75.21(m)(3)	Suitable barrier blocks access to site when	attendant is not present.				_
. 27	75.21(s)	25' setback line buffer zone present			一一		_
28	75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for	minimizing fire hazard		ーフ		_
, 29	75.21(q)	Approved operational safety program being	utilized				_
	75.21(p)	Effective vector control program utilized at bird, mosquito, rodent, fly	t site where needed. Circle vector pr	ogram required:	7	$\lceil \rceil$	/ <b>-</b>
30	75.21(m)(2)	Hours of operation prominently posted	<del></del>	<del> </del>		$\vdash$	_
31	75.21(k)	Telephone or other communications availab	nle				_
33.32	75.21(o)(1)	Salvaging occurs in accordance with regulat	<del> </del>	<del></del>			_
34	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method					_
35	75,24(c)(2)(xxi), 75,37(j) A 75,38 (1(8)(viii)	Final minimum uniform two foot layer of	compacted cover material placed on	surface of final lift		,	_
38	75.24(c)(2)(i), 75.37(e) & 3.75.38 (i)(8)(viii)	Surface water management administered at	the site		1		
¥ 37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as a	pproved by Department			,	v.
38	75.24(c)(2)(xi) & 75.38 (1(8)(viii)	Adequate source and type of cover materia			1		
39	75.24(c)(2)(v) & 75.38   (8)(ii)(iv)(vi)	Site access roads are negotiable by loaded of	collection vehicles $rac{\partial \mathcal{R}(\mathcal{G}_l)}{\partial \mathcal{R}(\mathcal{G}_l)}$	¥ <b>X</b> ;	1		
40	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord wi	ith regulations		1	T	_ _
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 H(8)(ii)	Fire breaks		-	1		
		•		200	467	المرية	_

ER-SWM-1A:5/79

#### JMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

# INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

		FORM NO. 10			_
		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable			
	CHAPTER CITATION		1	2	٤
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 H(6)	Gas management			1
43	. 75,24(b)(4)(i), 75,37(k)(6), & 75,38 11(8)(i)	Ground water monitoring requirements being met	V	_	ļ
44	75,24(c)(2)(xi), 75.37(k) & 75.38 11(8)(ii)	Approved cover material being utilized	V		
45	75.24(c)(2)(x)	Approved subbase being utilized	V		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	1		
47	75.25(h)	Lined site, under drains operable			V
48	75.25(i)	Are liners in place and covered with protective earth		_	ı
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained			v
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			V
51	75.26(o), 75.37(g), 75.38 H(8)(viii)	Erosion controlled on site, diversion ditches as required	7		
	75.26(b), 75.37(k)(2), (3), 75.38 H(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	1		
53	<b>75.2</b> 6(q)	At lined sites, is all waste deposited on lined areas			V
54	75.26(f)	Regulation ban on open burning adhered to	1		
55	75.26(d) & 75.38 !!(8)(vi)	Bulky waste properly controlled	V		
56	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	<b>V</b>		
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	1		
58	~ <b>75.2</b> 6(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts			
. <b>5</b> 9	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	1		
60	- 75.26(i)	Working face area confined to size suitable for daily cover/compaction	V		
61	75.26(q), 75.37(k), (s) & 75.38 (1(8)(x)	Operation in accordance with approved plans	1		,
62	75.26(g), (h) & 75.38 (l(8)(vi)	Dust controlled at site	1		
63	75.26(j), (k)	Blowing litter controlled	7/		_
64	75.26(c)	Provision for standby equipment available when needed	17	$\Box$	_
-	75.26(o), (p), 75.37(j), 75.38 (1(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas			<b>√</b>
\ \ \ \	Chapter 101(9)(e)(2)	Is bonding status correct ORIGINGS	7-1		1
<u></u>	Chapter 101(9)(e)(2)	is bonding status correct UKINI-1			1

ER-SWM-18,28,38.
WATHER: ROLD, CLOUDY,
LIGHT WIND,

## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

JOBI-PTING WASTES	FORM NO. 10, 11, & 12
of INSPECTION, DO	WOSITTANIS OCCURRING

NOVAL SANIFARY LANDSILL

DATE 3/4/81

RECOMMENDATIONS AND SUGGESTIONS

(1) ENSURE THAT AZL WARTES ARE COMPLETELY COULINGS WITH A UNITEM SIX INCH CAYER IT SOIL MATERIAL.

BLOWN LITTER.

(3) PONTINGE REMOVING SALVAGED MARDIAL,

REMINDER.

REMINDER.

REMINDER.

REPORT DUF

ON OR BEFORE APRIL!

ORIGINAL (Red)

Department of Environmental Resources Représentativ

Operator

#### Dending Regional office Dernersville, Pennsylvania 19505 215 678-3657

March 5, 1981

Tyler Pipe Division
P. 0. Box 35
Hacungie, Pennsylvania 18062

Attention: Mr. Tom Brungard

Centioren:

Your application for Industrial Maste Disposal at Permitted Sites, Hodule No. 1 for disposal of core Butts, cupola Motroms, Surma mand one slag wastes generated by Tyler Pipe Division, P. J. Lox 30, Macungle, IA has been reviewed.

The application is approved for alsocal at Towns assistary landfill, Inc., South Chitchall Younship, Lenigh County, with the stipulation that this approval is contingent upon the landfill's acceptance of the enterial.

If you have any questions, please do not healthre to contact this office.

Sincerely,

Ronald F. Climinowski Facilities Supervisor

RFR:fh

cc: John J. Gransky, P.E. Spotts, Stevens and HcCoy, Inc.

fix fix 100 34

Peading Pegional Office Vernersville, Pennsylvania 19565 Celephone: 215/678-5657

"arch 12, 1981

Te: Novak Sanitary Tendfill Inc. Territ To. 180534

Louis J. Wovak R. D. #1 Allentown, PA

Gentlemen:

The Eureau of Solid Waste Management is maintaining an active inventory of all solid waste processing or disposal facilities. The enclosed form is to be completed as described in the accompanying directions and is to be forwarded to the Bureau of Solid Waste Management, Reading Regional Office, Wernersville, Pennsylvania, 19565, on a monthly basis hereafter. This information is necessary to develop a functional Solid Waste Management plan throughout this five (5) county region.

If you have any difficulty or require assistance in completing the data sheet enclosed, feel free to contact Eureau personnel at Area Code 215/678-5657, following the enclosed instructions.

Very truly, yours,

Sort A: Gitschier

Colid Meste Specialist

Bureau of Tolid Woste Management

CFG:mg Enclosure

> ORIGINAL (Rod)

ER-SWM-1:5/79

## DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

## INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

IDE	NTIFICATION NUMBER (1-	7)	INSPECTION DATE 19-	14) INSPECTORS SOC. SE	C. NO.	(16-	24)
	100534		3/26/81	184-50-	2/00	5	
NAN	E OF DISPOSAL FACILITY		FACILITY ADDRESS		<del></del>		
	VOUAK SANT	TRY LAUDFILL.	KP*1 Y	UF NOWN FOR			•
	IICIPALITY		COUNTY				
(	COUTH WHIDE	HALL TOWNSHIP	L+4164				
FAC	ILITY PROPRIETOR (NAME	, ADDRESS, AND TELEPHONE NUMBER)		$\nearrow$			
1	OUIS J. NOUP	ik Sr.	RSTI AU	entoun tre			
DAII	LY VOLUME RECEIVED	ANNUAL REPORT RECE		DAYS PER WEEK			
254	2-300 10N/DAY	Dui July-1	/	OPERATED ST			
		1 - Compliance, 2 - Non-Compliance	e, 3 – Not applicable				
	CHAPTER CITATION				1	2	3
	75.21(m)(3)	Suitable barrier blocks access to site when at	tandant is not present		17	-	一
26	75.21(s)	25' setback line buffer zone present	tendant is not present.	<del></del>	1.		一
27 28	75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for m	inimizing fire hazard	<del></del>	1		-
20	75.21(a)	Approved operational safety program being u	<del></del>				-
<u> </u>					<del>-   -</del>		-
30	75.21(p)	Effective vector control program utilized at a bird, mosquito, rodent, fly	site where needed. Circle vi	ector program required:			
31	75.21(m)(2)	Hours of operation prominently posted	<del></del>		1	-	-
32	75.21(k)	Telephone or other communications available	<del></del>		V	-	一
33	75.21(o)(1)	Salvaging occurs in accordance with regulation		<del></del>		7	一
,	75.21(r)(1), (2), (3), (4),			<del></del>		Ť	
34	75.24(e)(2)(vii)(viii)	Operational records maintained and method	of measurement provided		1		
	75.24(c)(2)(xxi), 75.37(j)	Final minimum uniform two foot layer of co	ompacted cover material pla	ced on surface of final lift			
<b>3</b> 5	& 75,38 H(8)(viii)		·				1
	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface washes are a second as a second as a			١.		
<b>3</b> 6	75.38 H(8)(VIII)	Surface water management administered at the		<del></del>	1	_	_
	75.24(c)(2)(ii), (iii), &	Final slopes within 1 to 15 percent or as app	proved by Department				١,
. 37	75.37(d)(1), (2)		· ·				1
•	75.24(c)(2)(xi) & 75.38 11(8)(viii)	Adequate source and type of cover material	being utilized			į	
38			<del></del>				_
	75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded co	llection vehicles	1.			
39				— (Hayaharan — — — — — — — — — — — — — — — — — — —			<u> </u>
	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 11(8)(viii)	Slopes, benching and terracing in accord with	regulations		10		
40							<del> </del>
	75.24(c)(2)(xvi), 75.37(k) & 75.38 (1(8)(ii)	Fire breaks					
41				200472			L
		-		とししょ 3と			

## MMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

# INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

	CHAPTER CITATION	•	11	2	. 1
12	75.24(c)(2)(xxiv), 75.37(k) & 75.38  1(6)	Gas management	T	T	
	. 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	~		-
4	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	~		
5	75.24(c)(2)(x)	Approved subbase being utilized	V		_
6	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained			_
7	75.25(h)	Lined site, under drains operable	T	Γ	•
3	75.25(i)	Are liners in place and covered with protective earth			
•	75.25(o)(3)	Lined site, daily record of leachate flow maintained			
)	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			
	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	/		
· _	75.26(b), 75.37(k)(2), (3), 75.38 11(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	~		
}	75.26(q)	At lined sites, is all waste deposited on lined areas	$oxed{\mathbb{L}}$		
,	75.26(f)	Regulation ban on open burning adhered to	<u>~</u>		
; <u>'</u>	, 75.26(d) & 75.38 (1(8)(vi)	Bulky waste properly controlled	/		
5 _	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day		,	,
, [	75,26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	V		•
	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	1		
}	75.26(d) & 75.38 (1(8)(iv)	Unloading area restricted to proximity of the working face	~		
, י	· 75.26(i)	Working face area confined to size suitable for daily cover/compaction	~		
	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans			
2	75.26(g), (h) & 75.38 (1(8)(vi)	Dust controlled at site			
	75.26(j), (k)	Blowing litter controlled		~	
	75.26(c)	Provision for standby equipment available when needed	~		
5	75.26(o), (p), 75.37(j), 75.38 (1(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		•	

ER -SWM-18,28,38

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

INS SANITARY LAN

SANITARY LANDFILL, INDUSTRIAL SITES

FACILITY OF ACTION COMMENTS:

COMMENTS:

FORM NO. 10, 11, & 12

WASTES AT TIME of INSPECTION FORM NO. 10, 11, & 12

DEPOSITION IS OMNISPING IN THE SOUTH GAST

PORTION OF THE SITE OF CRATCES ARE SPRINDING

AND COMPACTING INDICATING WASTES.

NOUNK SANITHEY LANDSILL
DATE 3/26/81

CITATUNS:

- (33) SALUAGED MATERIAL PRISENT ON SITT MUST BE KUPT AT A MINIMUM. BALES of CIARDREARD NO SMETRES MUST BE REMODED ON A FIGURE EASIS.
- (36.) A UNITORAL SIV INCH LATER OF SOIL MULT OF PLACES
  OUR ALL WASTES. PORTIONS OF STREAD WASTE REQUIRE
  ADDITIONAL GOUN.
- (63) BLOWN LITTER MUST BE NONTRICES AND FICKED UP.

  LITTER WAS CRESCAUGE IN FIFCOS ON THE ENSTEAN SULTION

  OF THE CANDFILL. THIS LITTER MUST BE PICKED UP.

  SNOW TIMES MUST ACSO BE INSTALLED TO HELP NONTRE

  THY PREBLEM.

ORIGINAL REE!

Department of Environmental Resources Representative

Prilip Warah

Reading Regional Office Wernersville, Pennsylvania 19565 Telephone: 215/678-5657

April 6, 1981

Mr. Richard S. Ransel
South Whitehall Township
Department of Community Development
4444 Walbert Avenue
Allentown, Pennsylvania 19104

Dear Mr. Ransel:

The surface water management plan for Pheasant Hill Estates as it relates to the Novak Sanitary Landfill has been reviewed by the Bureau of Solid Waste Management. The Department suggests Limiting the amount of water infiltrating the refuse to reduce the amount of leachate generated. Therefore, surface water should be diverted away from the fill areas. The design plans for the Pheasant Hill Estates indicated that most of the storm water would be conveyed through a 15" cmp approximately 1500 feet from the intersection of Lapp Road and Orefield Road. This storm water should be conveyed from this discharge pipe southward along Lapp Road to prevent infiltration into the refuse.

The quantity of water discharged from other pipe north of the Novak Sanitary Landfill should not be increased significantly; however, the surface water should not be allowed to penetrate the fill. This water should be conveyed around the fill and south along Lapp Road also.

Should you have any questions regarding this matter, feel free to contact me at this office.

Sincerely,

Darryl I/ Fritz

Soils Scientist

Bureau of Solid Waste Management

DIF:dh

ORIGINAL (Post)

CC 475

Reading Regional Office Wernersville, Pennsylvania 19565 Telephone: 215 670-5657

April 8, 1981

Mr. Larry Stauffer
Olin Corporation
(Fogelsville Plant)
Snowdrift Road
Fogelsville, Pennsylvania 18051

Pear Mr. Stauffer:

Your application for Industrial Waste Misposal at Permitted Sites. Module No. 1 for wastes generated by the Olin Corporation, Snowdrift Road, Fogelsville, Pennsylvania has been received.

The technical staff concur that the scrap pieces of foam and Eraft paper may be disposed at the Novak Landfill, R. D. H. Allentown, Pennsylvania.

Should you have any questions regarding this approval please feel free to contact me at this office.

Very truly yours,

Ponald F. Flinibowski Facilities Supervisor

RFK:fh

X 100534

(1)

#### April 1981 Inspection Novak

#### SANITARY LANDFILL REPORT

PUBLIC ROADS: L.R. 39042 and T-593 clean and dry.

ACCESS ROADS:

Access roads dry and in good condition. Crushed stones have been placed at low spot in main road about 300 feet South of Landfill gate.

DISPOSAL AREAS:

All disposal areas dry and generally in good condition. Continue to make sure soil is applied over the refuse to minimize flies and other vectors Operator plans to operate towards the Northwest until grades are met and then final cover and plant this area.



MAY 281981

RCG. REGIONAL OFFICE 2004 DIPT. OF ENV. RES.

TRENCH:

Some water in demolition trench.

FENCES:

In good condition.

**VEGETATED AREAS:** 

Vegetated areas contain some blowing litter. This should be picked up and deposited in the active disposal area.

<u>VECTOR</u> & INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on site.

ORIGINAL IRedj

#### SANITARY LANDFILL REPORT

COMMENTS:

Pump water out of demolition trench as much as possible. Area at and around grid station 15 + 00 W, 10+00 5 at grade should be placed a one-two (1-2) foot layer of soil over the refuse for final cover.

INSPECTED BY: Myeulla

DATE: May 19, 1981

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST: C. a. Costa

cc:

Novak Sanitary Landfill Department of Environmental Resources South Whitehall Township

Reading Regional Office Wernersville, Ponnsylvania 19565 Telephone: 215/678-5657

April 20, 1981

To Solid Maste Procession Pisnosal Recility Cally Lon Lowal Camitary Landfill Inc. 1. 1 199534

Louis J. Novah R. U. 31 Allentown, PA

Gentlemen:

The data form catitled Dureau of Solid Maste lanagement Processing/Disposal Facility Daily Log. requested from your company, has not been forwarded to this office. Our records indicate that the above facility has not submitted the monthly data on the log sheet provided. Rindly check your records and for ward the completed form for the month of March as soon as possible.

Should you have any questions or require assistance, please feel free to contact the Bureau at the above address or by telephone.

Sincerely /yourd

Carl F. Citschier

Solid Paste Specialist

Bureau of Solid Maste Management

CFC:dh

Enclosure

0005, 1986

(1)

Date

April 25, 1981

#### March 1981 Inspection NOVAK SANITARY LANDFILL REPORT

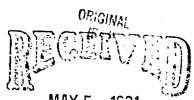
<u>PUBLIC</u> <u>ROADS</u>: Clean and void of litter and other debris from incomming and out going trucks.

ACCESS ROADS: Somewhat muddy but easily passable by all vehicles.

DISPOSAL AREAS: Disposal operations have shifted to the vicinity of 16 +50W, 10 + 50S. Disposal operations will continue here for a short time until existing low spots in the area are brought to grade with the surrounding area. Garbage disposal operations will then shift to the vicinity of 11 + 50W, 11 + 00S until approved final grades are met.

Demolition is dumping in that area in and around station 5 + 00W, 5 + 00S, as per approved

Observed compactor making repeated passes over refuse. Soil was also observed being added to the compacted refuse.



MAY 5 1981

3. REGIONAL OFFICE DEPT. OF ENV. RES.

TRENCH: Water from rainy periods numbed out as much as possible and only small amounts remain.

FENCES: In good condition.

<u>VEGETATED</u> <u>AREAS</u>: Basically free of litter. Very minimal amounts of litter observed in surrounding vegetated areas.

VECTOR & INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on - site.

### NOVAK SANITARY LANDFILL REPORT

COMMENTS: Engineer will work out at site determining what areas of the landfill are up to final grade. Areas up to final grade, will be final covered with two feet of soil and revegetated.

INSPECTED BY: Symmetric DATE: April 25, 1981

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

15

ATTEST: C. a. Costole

cc: Novak Sanitary Landfill
 Department of Environmental Resources.
 South Whitehall Township.

E2-4WM-1:5/79

### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDENTIFICATION NUMBER	1—7)	INSPECTION DATE (9	-14) INSPECTORS SOC. S	EC. NO.	(16–	24)
100534		5/7/81	167-48	-5スト	12	,
NAME OF DISPOSAL FACILI	TY I STATE TO	FACILITY ADDRESS			, ,	
Novak Sanit	ary Landfill, Inc.	RO#1 Allen	town PA			
MUNICIPALITY		COUNTY				
South Whitehal	·	Lehigh	<del></del>	_	٠.	
	ME, ADDRESS, AND TELEPHONE NUI					
Louis J. Novak	Sr. RD#1	Allentown PA	ORIGINA			
DAILY VOLUME RECEIVED	ANNUAL REPOR		DAYS PER WEEKen			
300 - 350 Ta	ns/DAy Due Jul	ly_1,	OPERATED 5/2			
	1 - Compliance, 2 - Non-C	Compliance, 3 — Not applicable			A	·
CHAPTER CITATION	-	Andrew Communication (Communication Communication Communic		- 11	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site	e when attendant is not present.		X		
27 75.21(s)	25' setback line buffer zone present	t		区		
28 75.21(1)(1), (2), (3)	Adequate fire equipment or procedu	ure for minimizing fire hazard		X		
75.21(q)	Approved operational safety program	m being utilized		X		
75.21(p)	Effective vector control program ut bird, mosquito, rodent, fly	tilized at site where needed. Circle	vector program required:	X		
31 75.21(m)(2)	Hours of operation prominently pos	sted		X		
32 75.21(k)	Telephone or other communications	s available		X		
33 75.21(o)(1)	Salvaging occurs in accordance with	regulations		$\exists x$		
75.21(r)(1), (2), (3), (4) 75.24(e)(2)(vii)(viii)	Operational records maintained and	I method of measurement provided		X		
75.24(c)(2)(xxi), 75.37( & 75.38 II(8)(viii)	Final minimum uniform two foot la	ayer of compacted cover material p	placed on surface of final lift			X
75.24(c)(2)(i), 75.37(e) 75.38 II(8)(viii)	Surface water management administ	tered at the site		X		
75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent	or as approved by Department				X
75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover	material being utilized		×		
75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by	loaded collection vehicles		×		
75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in ac	ccord with regulations		X		
75.24(c)(2)(xvi), 75.37(i & 75.38-11(8)(ii)	) Fire breaks			X		
<del></del>	<u> </u>			[X		

. - ER-SWM-1A:5/79

### JMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

100534

		1 — Compliance, 2 — Non-Compliance, 3 — Not applicable	_	_	Т
	CHAPTER CITATION		11	2	
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 (1(6)	Gas management -			
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X		•
14	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X		•
- 45 _	75.24(c)(2)(x)	Approved subbase being utilized	IX		
‡6	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		
17	75.25(h)	Lined site, under drains operable			
18	75.25(i)	Are liners in place and covered with protective earth			
19	<b>75.25(o)(3)</b>	Lined site, daily record of leachate flow maintained			
ю .	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly	L		
1	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X		
2	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X		
3 _	75.26(q)	At lined sites, is all waste deposited on lined areas			
54	75.26(f)	Regulation ban on open burning adhered to	X	L	
5 <b>5</b> -	,,75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X		
6	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X		İ
7	75,26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X		i
8 _	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts		X	
9	75.26(d) & 75.38 11(8)(iv)	Unloading area restricted to proximity of the working face	X		
0	75,26(i)	Working face area confined to size suitable for daily cover/compaction	X		1
	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	Х		
2	75.26(g), (h) & 75.38   (8)(vi)	Dust controlled at site	X		
3	75.26(j), (k)	Blowing litter controlled		X	
4 _	<b>75.</b> 26(c)	Provision for standby equipment available when needed	X		
55	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		• • •	ļ
•	Chapter 101(9)(e)(2)		1		

### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS: FORM NO. 10, 11, & 12

. 1	DISPOSAL FACILITY NOVAK SAY
Weather! Sunny, Cool, Windy	LANDEN 100534
	DATE 5/7/81
Accompanied by John Sims.	

The site was in operation at the time of the inspection and we were accompanied by Louis Novak. A para was continuing to excavate a trench on the sovinens! I all the site Filling was occurring at.

(58) The Area to the west of the present fill Area needs Additional

cover material to bring the thickness up to one foot,

(63) Blowing Litter was observed around the edges of the property.

Although none of it was observed off the property, a regular pickup

of the material should occur.

UKIGINA!

Michael & Marche

epartment of Environmental Resources Representative

2. 1. 11 and

Operator

#### leading Regional Office Cornersville, Ponnsylvania 19565 215 878-5657

'av 11, 1561

Te: Permit No. 100534

avan Samitary Landfill

buth chitchall Township

Lehign County

Mr. Louis J. Novak
R. D. VI
Allentown, J. 14172

Dear ir. Sovaki

This letter is the response to the gas control waltened at recommen by C. A. Costello weincorrect comment.

The following recommendations and comments are submitted for your consideration:

- 1. It is recombedded that is place of the metal drubs states to be used for any venting in the proposed landfill area that the operator install cities reinforced concrete pipe or bituminous coated corrugated metal sine. This is suggested since the metal drum would addoustedly rust out and decompose before the me ventilation process sould cease.
- 2. It is also suggested that the venting pipes be set on firm bases on top of the soil at the bottom of the landfill area and not six inches beneath the bottom of the landfill as indicated on the plans. If you propose to use reinforced concrete object it is reconcended that it is set on an eight-inch reinforced concrete pource base. If you determine to use bituminous-coated corrupated netal pipe, it should be set on and anchored to a one-quarter-inch thick detail plate approximately four feet by four feet square and/or any other base designed to withstand the bearing loads of pipes and gravei.
- 3. It also suggested that if the cituminous-coated hetal pipe is to be used that the perforation holes be drilled or cut out mechanically but in no case are they to be burned out with a torch. The vent holes should be a minimum of one inch in diameter and a maximum of two and one-half inches in diameter and set at stangered intervals of one foot horizontally and vertically. It is suggested that if reinforced concrete pipe is used that the openings be cut out with a concrete drill taking care not be break the pipe, but in no case are they to bepunched out or hammered in. It is also recommended that there should be no perforation holes within six inches of the top or the bottom sides or in the earth cover zone itself.

- 4. It is recommended that seepage collars be designed and installed at each and every cover lift to prevent precipitation from seeping down along the side of the vent pipe.
- 5. Furthermore, the tops of the vent pipe shall be equipped with an approved weather cap to prevent rain or snow from entering the vent system. The top of the vent pipe should also be raised higher in order that there is better gas dispersion.
- 6. The surface drainage should be so designed that no vent pipe will be located in a swale or other runoff area. Furthermore, the earth at the base (finished grade) of the exposed vent pipe should be constructed to shed water.
- 7. It may be advisable to install a four-inch FVC pipe in the center of these vents that are 20 feet deep or less (20 feet approximately the effective vacuuming pumping height); and a six-inch FVC pipe in those over 20 feet deep (for a submersible pump). This pipe should be used to pump out any leachate that may be present in the rill.
- 8. It is also requested that the engineer for the operator develop and submit along with his gas control plan a line Abatement Plan in the event of spontaneous combustion (sub-surface) or accidental fire.
- 9. In order to perform a meaningful evaluation of the gas control plan, it is essential that the consulting engineer subsit data and other information that he used to determine the vent pipe sizes and locations, the volume of gas generated, the rate of gas generated, and the duration of the gas generation.

The following recommendations are submitted for the venting of gas in the existing landfill areas:

- 1. At the proposed depth of two feet, four inches in the existing fill area, the PVC pipe would be subject to great sheer forces or possible collapse due to heavy equipment operating over the area.
- 2. Furthermore, at the proposed depth of two Reet, four inches, it is questionable as to the benefit derived and consideration should be given to installing these pipes vertically to a point approximately two feet from the bottom of the fill, and at closer intervals, possibly 75 feet on center.

- 3. In a similar matter, the drainage in the proposed fill area and the existing fill area should, of course, be directed away from the vent pipes. Consideration should also be given to those items covered in the proposed fill area, such as weather caps for the vent pipes, and fire abatement plan.
- 4. Guard posts of sufficient strength should be erected adjacent to the vent in order to protect them from accidental damage.
- 5. It is recommended that the consulting engineer submit general specifications for such items as pipe strongth, gravel pradation, recu-

Please note that these suggestions are general recommendations to be used as guidelines only the riferent items making up the ras control plan will have to be designed for the existing field conditions at the site and their design is to be pased used the data and information available at the site. Feel free to contact this office at the above listed number if you have any questions concerning this matter.

Week very truly,

John H. Parsons

Operations Supervisor

JHP:aedv

cc: C. Costello Engineering Co.

ber Randy Kraft, in the they

ER-SWM-1:5/79

## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDE	NTIFICATION NUMBER (1-	7)	INSPECTION DATE (9-14)	INSPECTORS SOC. SEC			-24)
	100534	and the second s	5/20/81	167-48-5	<del>74</del>	<u>ر</u>	
NA	ME OF DISPOSAL FACILITY	,	RD = MICH	7A			
	NOVEN SATILI	HYY ENGATE INC.	COUNTY	OWA PA			
	South Whilehall	Two		—			
		, ADDRESS, AND TELEPHONE NUMBER)	helingh	, * *			
	OUIS J. NOVAL		Allentown PA				
	LY VOLUME RECEIVED	ANNUAL REPORT RECE		YS PER WEEK			
- 1	300-350 Ton,	DAY	OPE	RATED 5 /2			
		1 - Compliance, 2 - Non-Compliance	ce, 3 - Not applicable				
	CHAPTER CITATION				1	2	3
26	75.21(m)(3)	Suitable barrier blocks access to site when at	ttendant is not present.		X		
27	75.21(s)	25' setback line buffer zone present			X		
28	75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for m	ninimizing fire hazard		K		
	75.21(q)	Approved operational safety program being u	utilized		K		
~ ~	75.21(p)	Effective vector control program utilized at s bird, mosquito, rodent, fly	site where needed. Circle vector	program required:	k		
30 31	75.21 (m)(2)	Hours of operation prominently posted	<del></del>		$\frac{1}{x}$	-	一
32	75.21(k)	Telephone or other communications available	e		K		厂
33	75.21(o)(1)	Salvaging occurs in accordance with regulation	ons		X	Γ	
34	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method	of measurement provided		×		
35	75.24(c)(2)(xxi), 75.37(j) & 75.38 H(8)(viii)	Final minimum uniform two foot layer of co	ompacted cover material placed o	n surface of final lift			X
36	75.24(c)(2)(i), 75.37(e) &	Surface water management administered at the	he site		×		
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as app	proved by Department				X.
38	75.24(c)(2)(xi) & 75.38 (1(8)(viii)	Adequate source and type of cover material	being utilized	Qo,	X		
39	75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded co	ollection vehicles	State .	×		
40	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with	h regulations		K		
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 [[[8](ii)	Fire breaks			X		
		÷		20	004	9	0

### MMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

100 5 34

	CHAPTER CITATION		1	L
42	75,24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management .		
43 _	75.24(b)(4)(i), 75.37(k)(6). & 75.38 11(8)(i)	Ground water monitoring requirements being met	X	
44	75.24(c)(2)(xi), 75.37(k) & 75.38 (1(8)(ii)	Approved cover material being utilized	X	
- 45 _	75.24(c)(2)(x)	Approved subbase being utilized	X	
46	75,24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	×	L
17 <u> </u>	75.25(h)	Lined site, under drains operable		
18 .	75.25(i)	Are liners in place and covered with protective earth		Ĺ
19	75.25(o)(3)	Lined site, daily record of leachate flow maintained		Γ
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly		
51 _	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	Х	
52 _	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X	
- 53	75.26(q)	At lined sites, is all waste deposited on lined areas		Ē
54	75.26(f)	Regulation ban on open burning adhered to	X	Γ
55 _	*:75,26(d) & 75,38 II(8)(vi)	Bulky waste properly controlled	X	
6	75.26(I) & 75.38 II(8)(vii) :4	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X	
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval		į
58	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X	L
59	전 - 75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	$\times$	
	75.26(i)	Working face area confined to size suitable for daily cover/compaction	IX	
51	, 75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X	
	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X	_
33 .	75.26(j), (k)	Blowing litter controlled	X	_
54	75.26(c)	Provision for standby equipment available when needed	X	
•	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	K	_

#### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES DEMOLITION SITES, FLYASH SITES, SLAG SITES

> COMMENTS: FORM NO. 10, 11, & 12

Wenther: Sunny + Warm Accompanied by Dave Updegrave DISPOSAL FACILITY NOVAK SANITARY Landfill 100534 5/20/81

The site was in operation at the time of this inspection. The precent working face is still on the southwest and of the site. The Area which was fortielly exposed at The last inspection has received some cover makerial (on the exthenst portion of orle) Work is continuing on exceptating Trench = 2. Several Areas were noted cring the inspection By Mr Novek which me to be or filled where settling has left a pocket to frecent accumulating water.

Recomendations!

56) A narrow strip of exposed refuse was present at the rost iside of the working face which may more been exposed from the previous days filling. All refuse is to be control at the end of end working day,

aus 1-11 orals

## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS: FORM NO. 10, 11, & 12

DISPOSAL FACILITY NOVAK SANITARY

LANGE 100534

DATE 6/5/81

This report is being written in conjunction to the inspection report of 6/3/21. Its purpose is to set up A—
time schedule for the compietion of notices my notions is still in the report of 6/3/21.

Chapter Cilation

35) 75.24(c)(z)(xx1) A final 2' layer of cover material shall be placed

75 37(j) + 75.38 on surface of the final lift by July 3, 1981.

11(8)(viii)

be placed on the completed lift adjacent to the present working face by Sunt 17,1161

Michael G Hairfu

Penartment of Environmental Resources Representative

Sperator 11 17 mg

ER-SWM-1:5/79

### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDE	NTIFICATION NUMBER (1-				
NAN	NE OF DISPOSAL FACILITY				_
	Vovak Santar	ry Land Gill, Inc. RD#1 Allentown PA			
	IICIPALITY	COUNTY			
**	South Whileha	all Twp. Lehigh -		J 444	<del>-</del>
FAC	ILITY PROPRIETOR (NAME	, ADDRESS, AND TELEPHONE NUMBER)			
	Louis J. No	ovak Sr. RD#1 Allentown, PA 395-6251 345-45	80		
DAI	LY VOLUME RECEIVED	ANNUAL REPORT RECEIVED DAYS PER WEEK			-
	300-350 Tons	pldry OPERATED 51/2			
		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable			
	CHAPTER CITATION		11	2	3
26	75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27	75.21(s)	25' setback line buffer zone present	X		Γ
28	75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
	75.21(q)	Approved operational safety program being utilized	X		
` 	75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird) mosquito, rodent, fly		X	
30 31	75.21(m)(2)	Hours of operation prominently posted	大	<del> </del>	<del> </del>
	75.21(k)	Telephone or other communications available	分		┢
32 33	75.21(0)(1)	Salvaging occurs in accordance with regulations	犮	一	一
34	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
35	75.24(c)(2)(xxi), 75.37(j) & 75,38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift		X	
<b>3</b> 6	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	×		
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
38	75.24(c)(2)(xi) & 75.38 11(8)(viii)	Adequate source and type of cover material being utilized	X		
<b>3</b> 9	75.24(c)(2}(v) & 75.38 11(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	X		
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 JUB)(ii)	Fire breaks	X		
		20	04	94	 

#### JMMONWEALTH OF PENNSYLVANIA **DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT**

		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable			
	CHAPTER CITATION	·	1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management .		X	
43	. 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X	Sep.	7.9
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X		
45	75.24(c)(2)(x)	Approved subbase being utilized	$\perp$		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		
47	75.25(h)	Lined site, under drains operable			X
48	75.25(i)	Are liners in place and covered with protective earth			X
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained			X
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			X
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X		
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X		
53	75.26(q)	At lined sites, is all waste deposited on lined areas			X
54	75.26(f)	Regulation ban on open burning adhered to	X		
38 Att. 4	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X		
58	<b>75.26(I) &amp; 75.38 II(8)(vii)</b>	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	×		
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval			X
58 58	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts		X	$\Gamma$
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	×		
. 80	75.26(i)	Working face area confined to size suitable for daily cover/compaction	X		
61 .	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X		•
62	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X		
63	75.26(j), (k)	Blowing litter controlled	X		
64	75.26(c)	Provision for standby equipment available when needed	X	П	
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	X		
•	Chapter 101(9)(e)(2)	Is bonding status correct		$\Gamma_1$	×
66	Chapter 101(9)(e)(2)	Is bonding status correct		L_	

#### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES DEMOLITION SITES, FLYASH SITES, SLAG SITES

FORM NO. 10, 11, & 12

Weather! Overcast 4 damp.

DISPOSAL FACILITY NOVAK SANITARY LANDEI 100534 DATE 6/3/81

The work area which was in operation during the last inspec has now been brought up to Final grade, And has been covered with 6"-12 of cover material. This Final Aven is to be covered with 2' of cover make After the soil drys some but The present working face near the center of the property to the east border,

Recommendations!

# 30 A large flock of black birds was present near the working Fore This is mainly due to the lack of intermediate ioner on the completed lift.

#35 As previously stated, The past working area has been completed And requires 2 of cover makinal to be placed on il. Daily cover k the highest priority, however, followed by intermediated cover and then final cover, work should proceed whenever possible on the final cover area.

Whenever possible on the final cover area.

42 An updated plan for a contidling was on the sile shall be submitted to

the department for approved along with A schedule for implementing this pl.

#58 Intermediate 1' layer of cover material shall be placed on the complete

lift adjacent to the present working Area.

Janis Horack

ÉR-SWM-1:5/79

### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDENTIFICATION NUMBER (1-	7)	INSPECTION DATE (9-14)	INSPECTORS SOC. SEC.	NO.	(16-	24}
100534		6/24/81	167-48+	5	24	·Z
NAME OF DISPOSAL FACILITY		FACILITY ADDRESS				_
Nounk Sanita	ry Landfill, Inc. 1	RD#1 All-ntown	PA			
MUNICIPALITY		COUNTY				
South whitehall	Twp	Lehigh		. +	-	ಪಶಕ
	, ADDRESS, AND TELEPHONE NUMBER)					
Louis J. Nov	AK RD#I Allentown PA	395-6251 39	5-4580			
DAILY VOLUME RECEIVED	ANNUAL REPORT RECE		PER WEEK			
300-350 Ton	s/dry Due July 1	OPERA	ATED 3 / 2			
	1 - Compliance, 2 - Non-Compliance	e, 3 - Not applicable				
CHAPTER CITATION	-			1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when at	tendant is not present.	· <del></del>	X		
27 75.21(s)	25' setback line buffer zone present			X		
28 75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for mi	inimizing fire hazard		X		
29 75.21(q)	Approved operational safety program being u	tilized		X	1	
75.21(p)	Effective vector control program utilized at si	ite where needed. Circle vector pro	ogram required:		$ extstyle \Gamma_1$	
30	bird, mosquito, rodent, fly					
31 75.21(m)(2)	Hours of operation prominently posted			X		
32 75.21(k)	Telephone or other communications available			X		
33 75.21(0)(1)	Salvaging occurs in accordance with regulation	nş	<del></del>	X		
75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of	of measurement provided		×		
75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of co	mpacted cover material placed on s	surface of final lift	X		
75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at th	ne site			X	
75.24(c)(2)(ii), (iii), &	Final slopes within 1 to 15 percent or as app	roved by Department		X		•
75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material b	peing utilized		X		
75,24(c)(2)(v) & 75,38 (1(8)(ii)(iv)(vi) 39	Site access roads are negotiable by loaded col	llection vehicles	<i>9</i> *	X		
75.24(c){2)(ii){iii}, 75.37(d)(1){2) & 75.38 II(8)(viii}	Slopes, benching and terracing in accord with	regulations		X		
75.24(c)(2)(xvi), 75.37(k) & 75.38 148)(ii)	Fire breaks			X		
		and American and A	200	49	17	1

ER-SWM-1A:5/79

## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

		4 Compliance C. Man Compliance Q. Alakanallanki.			
	CHAPTER CITATION	1 - Compliance, 2 - Non-Compliance, 3 - Not applicable	T,	2	<b>T</b> 3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management		X	
~ '?'•• '* 43 ~'	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X		_,
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X		
45 _	75.24(c)(2)(x)	Approved subbase being utilized	X		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		
47	75.25(h)	Lined site, under drains operable	1		X
48 _	75.25(i)	Are liners in place and covered with protective earth			X
49	<b>75.2</b> 5(o)(3)	Lined site, daily record of leachate flow maintained			X
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			X
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X		
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X		
53	75.26(q)	At lined sites, is all waste deposited on lined areas			X
54	75.26(1)	Regulation ban on open burning adhered to			
85 85	, 75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X		
56	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day		X	
<b>57</b>	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X		
≨ି. = ., 58 _	<b>75.26</b> (n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X		
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X		
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction		X	[
61 _	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X		-
62	75.26(g), (h) & 75.38 fl(8)(vi)	Dust controlled at site	X		
63	75.26(j), (k)	Blowing litter controlled	X		
64	75.26(c)	Provision for standby equipment available when needed	IX	ļ	
-	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	X		
<u> </u>	Chapter 101(9)(e)(2)	Is bonding status correct	1		X

#### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES DEMOLITION SITES, FLYASH SITES, SLAG SITES

> COMMENTS: FORM NO. 10, 11, & 12

Wenther, Sunny, warm, + humid

DISPOSAL FACILITY NOUAK SANITARY I And F. 11 Inc. , 100534 DATE 6/24/81

The working Area is the same as during the Last inspection Presently, the demolition disposal area is beginning to be filled and is to be expanded to the north and cost of the private fill area. The fine cover and intermediate over which were tacking during the Inst inspection 

The Large ampartor is presently broken down and may be for around a week depending on extent of orgine repairs needed. A smaller compactor is they said

(#36)75.24((X2)11) 75.37(c) - several pools of standing unter are present from range 75.38(11)(8)(VIII) four days age. These should be liveled to allow the unt

to drain. by July 7, 1451 (#42) 75,24 (c)(xxiv) 75,37(x) - An updated gase management plan is still pend. 75.38(11X6) And should be approved prior to implementing it. 56) 75,26(1), 75(38X2)(8XVII) - A SIX Inch layer of cover material shall be place. over refuse at the end of each norking dry. The AREA to the north east

of the working face appears to have been left uncovered. This ban shall be covered within one week.

(#60) 75.26(i) The size of the working face is Too large and need to be = Kept to a more suitable working into the Cotice.

t. 11/mg/2

100534

(1)

Weather: Cloudy 12 3 DATE : June 26, 1981

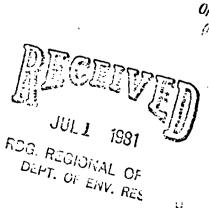
# MAY 1981 INSPECTION NOVAK SANITARY LANDFILL REPORT

PUBLIC ROADS:

L. R. 39042 and T-593 clean and dry. No trash or litter being transfered from the landfill to the public road.

ACCESS ROADS: Dry and compact and in good condition.

DISPOSAL AREAS: Compaction processes observed and adequate daily soil cover applied over the refuse is recommendable. Disposal operation presently processing toward northwest of the landfill.



TRENCH:

Demolition trench dry. Some water in southern half of trench No. 2. Pumps on standby to dewater trench during dry periods.

FENCES:

Fences are in good condition.

**VEGETATED AREAS:** 

Free of litter, in good shape.

VECTOR & INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on-site.

#### SANITARY LANDFILL REPORT

COMMENTS:

Adequate daily soil cover applied over the refuse is recommendable. Establish vegetation in completed areas after final cover is applied. Continue to stockpile stone and rubble for road repairs and construction. Inprove drainage on main road by regrading roadside ditches.

INSPECTED BY: C. C. CORCOLO DATE: JUNE 29, 1981

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST:		* 7		· - (	111	
*** ***** * * * * * * * * * * * * * * *						
-	The state of the latest designation of the l		 	_	_	_

cc: Novak Sanitary Landfill
Department of Environmental Resources.
South Whitehall Township.

#### FIRE PROTECTION

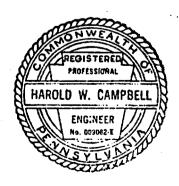
#### PREPARED FOR:

NOVAK SANITARY LANDFILL SOUTH WHITEHALL TOWNSHIP LEHIGH COUNTY, PENNA.

#### PREPARED BY:

C. A. COSTELLO ENGINEERING CO. 943 N. 7th STREET ALLENTOWN, PA 18102

JULY 11, 1981



(नेव्त)

#### Fire Protection

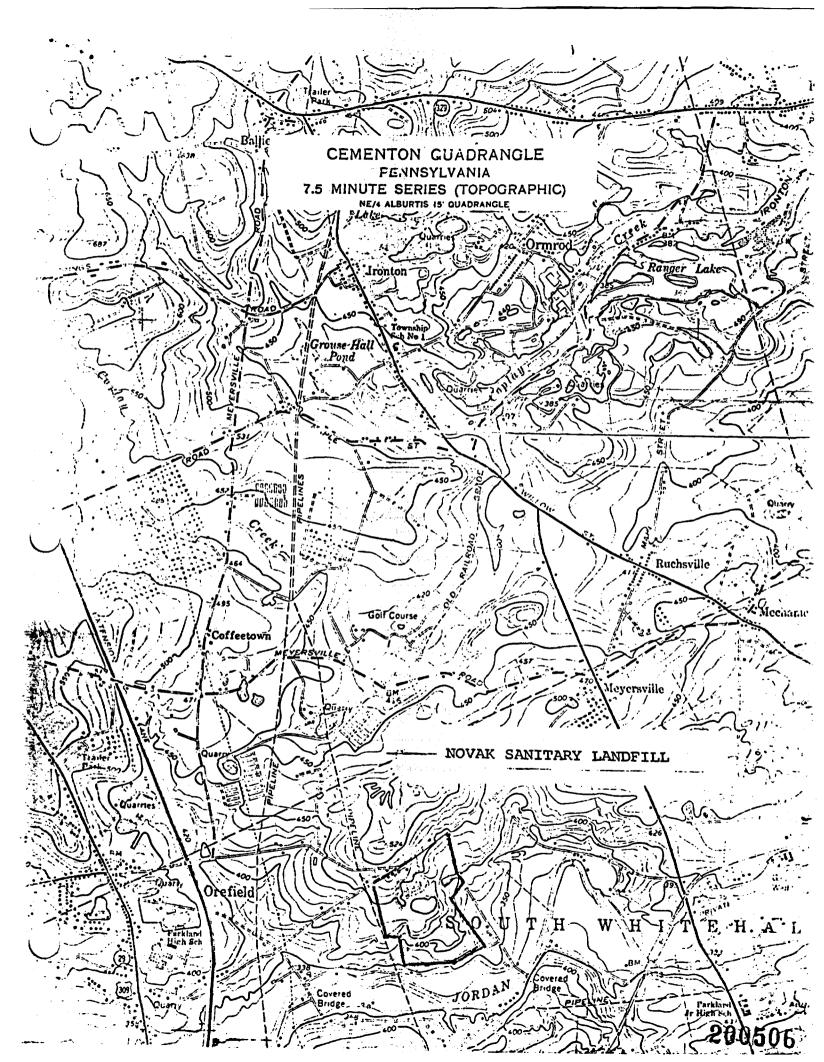
Fire protection exists for the landfill operation in two forms, on-site and off-site. The on-site protection is provided through the presence of a Fire engine pumper that will always be kept at the landfill site. This truck will serve a three fold purpose. The primary function of the truck will be of fire protection for the landfill operation. However, the truck will also be used two other important functions, those being dust control and machinery cleaning. When dry weather creates extremely dusty conditions on any part-of-the-landfill-(most particularly the access road), the fire truck will be used to sprinkle water over the dust to allay the dust The fire truck will also be used to clean the landfill equipment when they become excessively dirty from the working conditions encountered.

There are three existing wells on the site which will be used for fire protection.

Off-site fire protection will be available to the landfill operation from the neighboring village of Orefield (Tri-Clover Fire Co.) and its volunteer fire company. Should a situation arise that the fire truck on the site could not handle and the fire company's assistance would be needed, a call on the two-way radio will be made to summon the firemen and their equipment.

It should be noted that no burning of wastes will be permitted at the sanitary landfill. Consequently, the possibility of a fire starting at the landfill will be greatly reduced and will be basically limited to an unforseen occurance.

The use of daily cover will tend to keep a fire in a cell that is under construction or completed from spreading laterally to adjoining refuse cells. If it is discovered that a cell is smouldering or burning, the burning area will be spread out with the landfill equipment so that water can be applied. If the fire truck on-site and its corresponding water reservoir is deemed not to be adequate to handle any particular potential fire, off-site fire-fighting equipment will be called in.



ER-SWM-1:5/79

### JOMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDEN	100534	7/13/81 167-48-5	-	-	
NAM	E OF DISPOSAL FACILITY	FACILITY ADDRESS	سيخنيد الس		
1-32-67-00	Novak SAMI	tary Landfill Inc. RD#1 Allentown PA			. · •!
MUN	IICIPALITY .	COUNTY			
Statistics.	South Whitehi	All Twp Lehigh	~ <b>9</b> ,^_	-34	<u>يونځون</u> سايد
FACI	LITY PROPRIETOR (NAME	ADDRESS, AND TELEPHONE NUMBER)			
	ouis J. Novi	ak RD#1 Allentown PA 395-62卷 395-49	280	ン <u>ー</u>	
DAIL	300 - 350 T/J	ANNUAL REPORT RECEIVED DAYS PER WEEK			
	300- 350 1/4	Ny. OPERATED - 5-1/2			
		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable			
	CHAPTER CITATION			2	3
26	75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27	75.21(s)	25' setback line buffer zone present	X		
28	75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
29	75.21(q)	Approved operational safety program being utilized	X		
30	75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	X		M
31	75.21(m)(2)	Hours of operation prominently posted	又		
. 32	75.21(k)	Telephone or other communications available	X		
33	75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
35	75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	X		
# 57 # 144 38	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	X		
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
38	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized ORIGINAL (Red)	X		
39	75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X	•	
40	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Stopes, benching and terracing in accord with regulations	X		
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks , A. C.	X		
\$ 25 TH		200	)5(	0.7	

ER-SWM-1A:5/79

## MMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable		_	7
	CHAPTER CITATION		11	2	_
•••	75.24(c)(2)(xxiv), 75.37(k) & 75.38   (6)	Gas management		X	·
: 9;	75.24(b)(4)(i), 75.37(k)(6), & 75.38 11(8)(i)	Ground water monitoring requirements being met	×		٠
	75.24(c)(2)(xi), 75.37(k). & 75.38 II(8)(ii)	Approved cover meterial being utilized	X		
_	75.24(c)(2)(x)	Approved subbase being utilized	X		
	75,24(c)(2)(xvi), 75,37(k) & 75,38 II(8)(iv)	Proper barriers being maintained	X		
_	75.25(h)	Lined site, under drains operable			
_	75.25(i)	Are liners in place and covered with protective earth			•
_	75.25(o)(3)	Lined site, daily record of leachate flow maintained	$\mathbb{T}$		
_	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			
	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X		
	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	×		
	75.26(q)	At lined sites, is all waste deposited on lined areas	1		
	75.26(f)	Regulation ban on open burning adhered to	X		
	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X		
	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X		
	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	TX		
्	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts		X	
£,	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X		
-	76.26(i)	Working face area confined to size suitable for daily cover/compaction	TX	Γ	
-	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X		
_	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X		
_	75.26(j), (k)	Blowing litter controlled	X		
_	75.26(c)	Provision for standby equipment available when needed	X		
	75.26(o), (p), 75.37(j), 75.38 11(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		X	
-	Chapter 101(9)(e)(2)	Is bonding status correct	1		

### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

Weather: Partly Sunny, warm and breezy.

COMMENTS: FORM NO. 10, 11, & 12

DISPOSAL FACILITY NOVAK SANITARY

LANDER TO LOS 100534

DATE 7/13/81

The working face remains in the same area as during the last inspection. During the inspection, a pan was excavating the demolition disposal area and using the cover material toward as daily rover.

And it should be in operation this afternoon.

#42) 75.24(c)(xxiv), 75.37(k) An updated gas management plan still has

75.38(11)(6) not been submitted to the Department for approval.

This should be done prior to installation of A gas

management system.

And needs a pine foot layer of cover material. This area is presently being used as a turn around Area for trucks.

75.36(0)(1).75.37(j) Venetative growth shall be established where the 75.38(11)(8)(1x). (ina) lover his been applied Presently some top soil by is being placed on it.

ORIGINAL (Red)

Michael Miolie

Department of Environmental Resources Representative

Laris & Morak

JUNE 1981 INSPECTION

NOVAK

#### SANITARY LANDFILL REPORT

PUBLIC ROADS: L.R. 39042 and T-593 in good condition; no mud or refuse from landfill on surface.

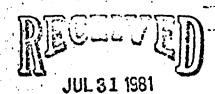
ACCESS ROADS: Main road in good condition; branch roads also in good condition. Some crushed stone and brick have been added to low spot at approximately 300 feet south of the access road entrance in main access road.

DISPOSAL AREAS: Disposal operations presently going on the vicinity of 11 + 00 W, 11 + 00 S. Work will progress in this area until surface of fill reaches grade.

Demolition is dumping in that area in and around station 5 + 50 W, 6 + 00 S.

All disposal areas dry and generally in good condition. Observed compactor passing over refuse.

ORIGINAL (Red)



RDG. REGIONAL OFFICE DEPT. OF ENV. RES.

TRENCH:

Soil being removed from demolition trench in east part of the landfill and being used to cover compacted refuse.

FENCES:

In good condition.

VEGETATED AREAS: All trees and brush around perimeter of landfill clean.

VECTOR & INCINERATION: No smouldering or burning refuse or evidence thereof observed. No rodents observed on site.

1.60)

#### NOVAK

#### SANITARY LANDFILL REPORT

COMMENTS: Adequate daily soil cover applied over the refuse is recommendable.

Continue to clean blowing litter from trees and brush.

Apply final cover to completed areas and seed with fast growing grass.

INSPECTED BY: CO COSTO DATE: July 24, 1981

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST:

ORIGINAL MEDICAL

cc: Novak Sanitary Landfill
Department of Environmental Resources.
South Whitehall Township.

EŊ-ŚWM-1:5/79

## DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

(DE	100534		-	•	
NAM	NOVAK SAM	itary Landfill Inc. RD#1 Allentown PA			
	South Whiteh		. ,		
FAC	OUIS S. NO	e, address, and telephone number) ovak RD#1 Alkintown PA 395-6251 395-4580	<b>)</b>		
	300- 350 T/d	ANNUAL REPORT RECEIVED  Ay  Days per week  OPERATED 5/2			
		1 - Compilance, 2 - Non-Compilance, 3 - Not applicable		_	
	CHAPTER CITATION		1	2	,
26	75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		Т
27	75.21(s)	25' setback line buffer zone present	X		
28	75.21(I)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		$\Gamma_{-}$
29	75.21(q)	Approved operational safety program being utilized	X		
30	75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird. mosquito, rodent, fly	X		$\Gamma$
31	75.21(m)(2)	Hours of operation prominently posted	X	Г	
.32	75.21(k)	Telephone or other communications available	X		
33	75.21(0)(1)	Salvaging occurs in accordance with regulations	X		
	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
35	75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	X		
38	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site		X	
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	×		
38	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X		
39	75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
40	75.24(c)(2)(ii)(iil), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terrading in accord with regulations	X		
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 il(8)(ij)	Fire breaks	X		
•	<del></del>	0.0	NE	-	$\overline{}$

ER-SWM-1A:5/79

## MMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

# INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable			
	CHAPTER CITATION	r = Compriance, z = Ron-Gomphance, G = Ron applicable	1	2	2
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 iI(6)	Gas management		X	
43 .	. 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X		
44 _	75.24(c)(2)(xi), 75.37(k) & 75.38 ll(8)(ii)	Approved cover material being utilized	X		
45	75.24(c)(2)(x) .	Approved subbase being utilized	X		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained Virgo Sand	X		
-47	75.25(h)	Lined site, under drains operable			X
48 _	<b>75.2</b> 5(i)	Are liners in place and covered with protective earth			X
49 _	75.25(o)(3)	Lined site, daily record of leachate flow maintained			X
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			X
· •• _	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X		
ے 52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep		X	
53	75.26(q)	At lined sites, is all waste deposited on lined areas			X
· 54	75.26(f)	Regulation ban on open burning adhered to	X		
65	75.26(d) & 75.36 II(8)(vi)	Bulky waste properly controlled	X		
	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X		
- 57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X		-
58	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X		
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X		
60	<b>75.2</b> 6(i)	Working face area confined to size suitable for daily cover/compaction	X		
61 _	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	×		
62	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site  ORIGINAL  Blowing litter controlled	X		
් 63 _	75.26(j), (k)	Blowing litter controlled	X		
64	75.26(c)	Provision for standby equipment available when needed	X		
	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		X	
	Chapter 101(9)(e)(2)	Is bonding status correct	1		X

. .

#### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES **BUREAU OF SOLID WASTE MANAGEMENT**

#### INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES DEMOLITION SITES, FLYASH SITES, SLAG SITES

FORM NO. 10, 11, & 12

weather: Cool of Overcast.

DISPOSAL FACILITY NOVAK SANTARY LAND FILL 100534 DATE 7/28/81

Work is continuing on excuration of demolition disposal Area. The Aven which required tow intermediate rover luring the last inspection bas been covered adequately. Water samples for the Annual report have been taken and are

being analysed. These will be sent in when completed.

#36) 75,24(c)(2Xi), 75(37(e) Several Areas were noted during the inspection
75,38(11)(5)(VIII) of standing water. These should be filled to prevent
water from accomulating.

# 42) 75.24 (CX(2XXIV), 75(37XK) A gas management plan shall be approved by the 75.38 (11 (6). Department prior to implementation. Mr Novek stated the he is looking into American GAS Recovery Corporation AS

one possible atternative.

#52) 75.26(b) 75.37(x)(x)(x)3) During the inspection, veruse is being spread deeper than 2 feet. This practice shall change in order to allow better -

#65) 75.26(0), (9) when the senson permits, vegety trut growth shall be established to present crosson. The should begin in and what August.

Y. Words



#### INTER-C. FICE COMMUNICATION

TO:

L. Frey

8/7/81 DATE:

FROM:

A. S. Vanek

D. Memmer

SUBJECT: Approved Industrial Waste Haulers

As per my conversation with Mr. Leon Kuchinski, PA Dept. of Environmental Resources (215-678-5657), only Mr. L. Novak '(Novak's Landfill and Valley Disposal - haulers) is PA approved.

Mr. E. Reeser (Reeser's Automated Refuse Systems) is an approved hauler but must use Colebrookdale Landfill or another approved landfill. Christman Landfill is not approved for industrial waste per Mr. L. Kuchinski.

PURCHASING ...

3 61 9: 43

ER-SWM-1:5/79

## DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDENTIFICATION NUMBER (1-7)			INSPECTION DATE (9	9 – 14)	INSPECTORS SO	C. SEC. NO. (	16 - 2	4)
100534			8/20/81		167-4	8-524	-2	
NAME OF DISPOSAL FACILI		1	FACILITY ADDRESS					
Nounk Sanit	ary Landfill	l Inc. R	D#1 Allenton	un f	PA			
MUNICIPALITY			COUNTY					
South Whitehall	Twp	·	Lehigh		· · · · ·			
FACILITY PROPRIETOR (NAM			='					
Louis J No	unk RD*	I Alkentown t	19 345-62	51 3	75-4580	·		,
DAILY VOLUME RECEIVED		ANNUAL REPORT REC	CEIVED		PER WEEK			
300-350 T/	day			OPERA	TED 5 1/2			
	1 - Com	npliance, 2 - Non-Complian	ce. 3 - Not applicable			· · · · · · · · · · · · · · · · · · ·		
CHAPTER CITATION						,		2 3
26 75.21(m)(3)	Suitable barrier b	blocks access to site when atte	endant is not present.			7	1	T
27 75.21(s)	25' setback line b	buffer zone present				X	T	T
28 75.21(1)(1), (2), (3)	Adequate fire equ	uipment or procedure for mini	mizing fire hazard			×	T	
29 75.21(q)	Approved operati	ional safety program being uti	ilized			X		
75.21(p)	Effective vector of bird, mosquito, re	control program utilized at site odent, fly	where needed. Circle vector	program re	quired:	×	$\int$	1
31 75.21(m)(2)	Hours of operation	on prominently posted	<del></del>			x	十	1
32 75.21(k)	Telephone or oth	ner communications available	· · · · · · · · · · · · · · · · · · ·			7	才	1
33 75.21(o)(1)	Salvaging occurs	in accordance with regulation	ns			7	寸	1
75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational reco	ords maintained and method o	f measurement provided			×		
75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum u	iniform two foot layer of comp	acted cover material placed o	n surface o	f final lift	>	4	T
75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water ma	anagement administered at the	e site			>	1	
75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes with	nin 1 to 15 percent or as appro	ved by Department		ORIGI PROJ	in >	<b>\</b>	
75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source	and type of cover material be	sing utilized			>	4	
75.24(c)(2)(v) & Site access roads are negotiable by loaded collection vehicles 75.38 II(8)(ii)(iv)(vi)					>	4		
75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching	g and terracing in accord with	regulations	· •		<b>\</b>	1	ナー
75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks					-	1	
			····		alies .	2005	51	7

ER-SWM-1A:5/79

## DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable			
	CHAPTER CITATION	•	1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management		X	
#***** **),43,,		Ground water monitoring requirements being met	X	*	
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X		
45	75.24(c)(2)(x)	Approved subbase being utilized	X		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		
47	75.25(h)	Lined site, under drains operable			X
48	75.25(i)	Are liners in place and covered with protective earth	``		X
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained			X
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			X
-51	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	×	1.	
52	75.26(b), 75.37(k)(2), (3), 75.38 (1(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X		
53	75.26(q)	At lined sites, is all waste deposited on lined areas			X
54	75.26(f)	Regulation ban on open burning adhered to	X		
65	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X		
56	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X		
67	% 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X		-
58	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	IX		
	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X		
60	· 75.26(i)	Working face area confined to size suitable for daily cover/compaction	X		
<b>.</b> 61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X		٠,
62	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site		X	
63	75.26(j), (k)	Blowing litter controlled	X		
64	75.26(c)	Provision for standby equipment available when needed	入		
· .	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		X	
	Chapter 101(9)(e)(2)	Is bonding status correct	1		X

### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS: FORM NO. 10, 11, & 12

Wenther: Sunny Breezy + Cool

DISPOSAL FACILITY NOVAK SANITARY

LANJEL TIC. 100534

DATE 8/20/81

Excavation is continuity on the demolition area. The trench is approximately 12-14 feet deep. The area where refuse is being deposited remains the same; however, it has been enlarged to permit only 2 feet layers of refuse before covering.

#42) 75.24(c)(xx1v), 75,37(k) Gas Management - Negotiations are continuing with 75.38(11)(c) American Gas Recovery Corp. Any plan that is devel should be submitted to the Department for approval prior to implementation.

#62) 75,26(4)+(h) 75.35(1)(8)(vi) The very dry contitions have lend to dust being blown around the site. When the weather conditions ninke dust a problem, some pontrol plan should be used.

65) 75.26(0)(p) 75.37(j) When the season permits, vegetative growth shall be 75.38(11)(1X)(1X) (slablished to prevent erosion, This should begin within A pronth.

Congress of the second

Maichael & Marshe

Department of Environmental Resources Representative

7.1.11 orale

## SANITARY LANDFILL REPORT FEBRUARY

PUBLIC ROADS: Very clean and dry. No litter or refuse on or around the public road L.R. 39042.

ACCESS ROADS: The access road is also in very good condition.

Stockpiled brick and crushed stone have been placed from the entrance to about 250 feet for easy access and improved for heavy use condition. Access road from Station 250 + 00 S to 6 + 00 S in fair condition. All other access roads not in use.

DISPOSAL AREAS: Refuse disposal presently taking place in approved trench and proceeding towards Southwest. Compaction processes observed but in some small areas daily refuse has not been covered. The placement of daily and intermediate cover compacted refuse should be assured as required. The elevation of the landfill along the access road from Station 1 + 00 to 2 + 00 also seems higher than the designed final elevation. The operator should be notified and correct that portion as informed by the engineer.



RDG. REGIONAL OFFICE 200520

GENERAL APPEARANCE: Overall appearance of the disposal area is somewhat satisfactory. No litter or refuse observed in adjacent tree lines.

<u>VEGETATED</u> <u>AREAS:</u> Vegetated areas contain some blowing litter.

This should be picked up and deposited in the active disposal area. Vegetation is expected to establish due to the coming spring season.

VECTOR & INCINERATION: Vermin is successfully controlled by exterminator.

No burning of refuse observed.

ORIGINAL Red)

RECEIVED

APR 71980

RDG. REGIONAL OFFICE DEPT. OF ENV. RES.

### NOVAK SANITARY LANDFILL REPORT

COMMENTS:

The complete portion of landfill that has been settled should be graded and undisturbed. The over elevation area should be corrected as soon as possible to allow access for run-off water. Revegetate if necessary in some areas that dryed-out by last winter.

INSPECTED BY: Chonglam, DATE: 3/17/80

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST: Chul a. Costolio

cc: NOVAK LANDFILL SOUTH WHITEHALL TOWNSHIP

RDG. REGIONAL OFFICE DEPT. OF ENV. RES 200522

ER-SWM-1:5/79

# DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

	1	7)	INSPECTION DATE (9-1	4) INSPECTORS SOC. SE	.c. no.	(10-	-24
	100 5 34 5/8/80 124-50-				2106		
NAME OF DISPOSAL FACILITY  FACILITY ADDRESS							_
	NOUAK SA	NITARY LANDTILL	RD4/	ALLINTOWN			
MUN	IICIPALITY	•	COUNTY				
Sö	474 WHITE	HALL TWP.	651.16H	ا العاديدي: الإراسياعي مود	. **	k in ger '	·
		, ADDRESS, AND TELEPHONE NUMBER)			-		_
L	our J. N.	WAK SE. ALLEN	TOWN RDF/	215-315-	62	5	
	LY VOLUME RECEIVED	ANNUAL REPORT REC		DAYS PER WEEK			
				OPERATED			
<u></u>		1 — Compliance, 2 — Non-Complian	ice, 3 - Not applicable				
,	CHAPTER CITATION				1	2	3
26	75.21(m)(3)	Suitable barrier blocks access to site when a	attendant is not present.		V		
27	75.21(s)	25' setback line buffer zone present					Γ
28	75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for r	minimizing fire hazard		1		Γ
29	75.21(q)	Approved operational safety program being	utilized	·	V		1
•	75.21(p)	Effective vector control program utilized at bird, mosquito, rodent, fly	site where needed. Circle ve	ctor program required:	V		
30	75.21(m)(2)	Hours of operation prominently posted			-		$\vdash$
31 .	75.21(k)						$\vdash$
32	•	Telephone or other communications availab			-	7	$\vdash$
) 33 	7.75.21(o)(1)	Salvaging occurs in accordance with regulati	ons			۲	$\vdash$
34	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method	of measurement provided		1		L
35	75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of c	compacted cover material plac	ed on surface of final lift	·	/	
36	75.24(c)(2)(i), 75.37(e) & 75.38 (1(8)(viii)	Surface water management administered at	the site		/		
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as ap	oproved by Department			1	
38	75.24(c)(2)(xi) & 75.38 (1(8)(viii)	Adequate source and type of cover material	being utilized	O <sub>R</sub> ,	~		
39	75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded c	ollection vehicles	4.7	V		
. 40	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord wit	th regulations			V	
(				<del></del>		1	Г

ER-SWM-1A:5/79

# DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable			
CHAPTER C	ITATION		1	2	:
75.24(c)(2)(r & 75.38 II(6	xxiv), 75.37(k)	Gas management			٠
75.24(b)(4)(i & 75.38 II(8	i), 75.37(k)(6), i)(i)	Ground water monitoring requirements being met	-	/	- 3
75.24(c)(2)(; & 75.38 (1)(8	xi), 75.37(k). i)(ii)	Approved cover material being utilized	<b>V</b>		
75.24(c)(2)()	k)	Approved subbase being utilized			
75.24(c)(2)(s & 75.38 II(8	xvi), 75.37(k) 3)(iv)	Proper barriers being maintained	<b>V</b>		
7 75.25(h)		Lined site, under drains operable			
75.25(i)		Are liners in place and covered with protective earth	\\		V
75.25(o)(3)		Lined site, daily record of leachate flow maintained			•
75.26(a) & 7	75.37(g)	Leachate treatment facilities being operated properly			ı
75.26(o), 75. 75.38 II(8)(v		Erosion controlled on site, diversion ditches as required		<b>/</b>	
75.26(b), 75 75.38 II(8)(ii	.37(k)(2), (3), i)	Solid waste spread and compacted in layers not exceeding two feet deep	/		
3 75.26(q)		At lined sites, is all waste deposited on lined areas			•
75.26(f)		Regulation ban on open burning adhered to	1		
75.26(d) & 7	75.38 II(8)(vi)	Bulky waste properly controlled		<b>/</b>	
	5.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day		<b>V</b>	
7 75.26(s)		Hazardous wastes & sludges stored and/or disposed with written Departmental approval			•
8 75.26(n)		Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts		7	Γ
75.26(d) &		Unloading area restricted to proximity of the working face	V		
75.26(i)	•	Working face area confined to size suitable for daily cover/compaction	7		Γ
75.26(a), 75 75.38 (1(8)(s	.37(k), (s) & c)	Operation in accordance with approved plans		1	
75.26(q), 75.75.38 II(8)(x 75.26(q), (h) 75.38 II(8)(v	& ni)	Dust controlled at site	>		
75.26(j), (k)		Blowing litter controlled	V		7
4 75.26(c)		Provision for standby equipment available when needed	V		_
75.26(o), (p) 75.38 II(8)(i	), 75.37(j), x)	Has vegetative growth been established to prevent soil erosion on disturbed areas		V	
Chapter 101	(9)(e)(2)	Is bonding status correct			1

Cloudy, 60's

#### **COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES** BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES

DEMOLITION SITES, FLYASH SITES, SLAG SITES	
33. SAL VAGING STOULD BE COMMENTS: FORM NO. 10, 11, & 12	
CONTINED TO ONE AREA NOT TO HINDER DISPOSAL FACILITY 10053	34
MORE OFFICELY MANNER. NO UNIX SANITARY	LANDTO
35. FOR ADDITIONAL FINAL PONER SHOULD BE PLACED DATE 5/8/90	
AND GRADED ACCORDING TO PIAMS ON EASTERN AND WESTERN -FOR	we Some
37. FIANL-SCOPES ON EAST SCUTE AND WEST SETTIONS MUST BE MADE T	
TO THE APPROVITE PLANS.	
10. SLOPES, BENEFIES AND TERRALES ON FAST, SOUTH AND WEST SCOTIONS A	MU: TAF
MADE TO MAILORAL TO THE PIPE OUT	
A AMERICAN CONTROL OF THE MONTH OF REPORTS LANCE NOT FINE W	54.77
A DON'THE KIRWKING OF FREE HAD AND AND AND AND AND AND AND AND AND A	
51, Crosion of Color MANUE.	
51. EFLETON WASTES MUST BE CONTEND IN A NORE OF CREY MENNUR.	i de la compania de La compania de la co
- TALL MILLE MILL RE LES SERVICES	¥***
58, ADDITIONAL INTERMEDIATE COURT OF REGISTED PLTUSE I LIFTS.	$\overline{}$
A MOTION ACCORDINGE WITH PEFROUND DEPUS	

Department of Environmental Resources Representative

Ditscheer'

Weather, Sunny 79°F / 100534

Date: May 17, 80

f: (1)

NOVAK

#### SANITARY LANDFILL REPORT

For APRIL, 1980

PUBLIC ROADS:

L.R. 39042 clean and dry. No trash or litter being transfered to the piblic road from the landfill.

ACCESS ROADS:

Dry and compact, stockpiled materials being used to help access road in good condition. More layers of stone has been added to improve the condition of the access road when raining.

DISPOSAL AREAS: Compaction processes observed and adequate daily soil cover applied over the refuse is recommendable. Disposal operation presently processing toward Southwest of the landfill.

DECEIVED

200526

ROG. REGIONAL OFFICE

GENERAL APPEARANCE: No standing water or wet spots observed during inspection. Good practice of handling the waste makes the appearance of the landfill recommendable. Some material being deposited in demolition are to abate slopes.

**VEGETATED AREAS:** 

No blowing litter. Vegetation is being established on complete portion of landfill.

VECTOR &

Vermin are being successfully controlled by monthly extermination practices. No vectors or burning evidence.

JUN1 0 1980

RDG. REGIONAL OFFICE DEPT. OF ENV. RES.

200527

#### SANITARY LANDFILL REPORT

COMMENTS:

Continue final cover placement. Keep a 15 foot buffer strip undisturbed. No activity should be taken place at the nonactive areas. Any areas on completed portion of landfill that have been settled shall be checked and graded.

INSPECTED BY: Lungunglam

DATE: MAY 30, 1980

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST: Charles a. Costa Do.

cc: Mr. Carl F. Gitschier South Whitehall Township Manager Mr. Louis Novak DECENTED)

RDG. REGIONAL OFFICE DEPT. OF ENV. RES.

200528

July 1981

INSPECTION

### NOVAK SANITARY LANDFILL REPORT

PUBLIC ROADS: L.R. 39042 and T-593 in good condition;
No mud or refuse from landfill on surface.

ACCESS ROADS: Main Road and branch roads in good condition.

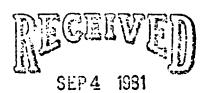
DISPOSAL AREAS:
Disposal operations presently going on the vicinity of 11+00 W, and 11+00 S. Work will progress in this area until surface of fill reaches grade.

Demolition is dumping in that area in and around Station 5+50 W, and 6+00 S.

New trench is being dug to the East of the exsisting demolition area.

All disposal areas dry and generally in good condition.





RDG. REGIONAL OFFICE DEPT. OF ENV. RES 200529

TRENCH:

Soil being removed from demolition trench in East part of the landfill and being used to cover compacted refuse.

FENCES:

In good condition.

<u>VEGETATED</u> <u>AREAS</u>: All trees and brush around perimeter of landfill clean.

VECTOR & INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on site.

#### NOVAK SANITARY LANDFILL REPORT

#### COMMENTS:

Adequate daily soil cover applied over the refuse is recommendable.

Continue to clean blowing litter from trees and brush.

Apply final cover to completed areas and seed with fast growing grass.

INSPECTED BY:	<u>જે. ત .</u>	Califf,	DATE:	8-27-81
---------------	----------------	---------	-------	---------

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST:

ORIGINAL Viedi

CC: Novak Sanitary Landfill

Department of Environmental Resources

South Whitehall Township

200531



### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES

Reading Regional Office Wernersville, Pennsylvania 19565 Telephone 215 678-5657



August 28, 1981

Mr. A. S. Vanek, P.E. Supervisor of Engineering F & M Schaefer Brewing Co. Lehigh Valley Brewery P. O. Box 2568 Allentown, PA 18001

Dear Mr. Vanek:

Your correspondence dated August 27, 1981, regarding neutralization of ORM-E (label pulp) has been reviewed by representatives of this office.

The proposal to mix the label pulp with spent filter powder (DE) syrup combination in a neutralization process to reduce the label pulp from pH 12.5 to approximately pH 7.0 is acceptable to the department.

This neutralization process will result in the label pulp not exhibiting the characteristics of corrosivity and therefore not meeting the department's definition of hazardous waste.

If there is any question regarding the above, please do not hesitate to contact this office.

Sincerely yours,

Leon L. Kuchinski

Regional Solid Waste Manager

-Lim Muhmelm.

LLK: fh

CC: Ley R. Milarely. N. Husewood

R. Memmer

200532

Unionial.

#### Reading Regional Office Wernersville, Pennsylvania 19565 Telephone: 215/678-5657

September 11, 1981

Novak Landfill R. D. 1 Allentown, PA 18104

Gentlemen:

In accordance with Chapter 75.265(n) of the Resource Conservation and Recovery Act, the following must be completed and submitted to this office by November 19, 1981:

- a. Installation and approval of at least four (4) monitoring wells constructed according to the description in Chapter 75.265(n), Sections 4 through 7.
- b. Development of a ground water sampling and analysis plan for the monitoring system according to Chapter 75.265(n) 8.
- c. Ground water surface elevations at each monitoring well after each sampling as specified in Chapter 75.265(n) 13.
- d. Development and submission for approval of an outline of a ground water quality assessment and abatement program according to Chapter 75.265(n) 14.
- e. Calculation of the arithmetic mean variance for each indicated parameter based on at least four (4) replicate measurements on each sample for each well monitored and comparison of the results with the initial background of the arithmetic mean according to Chapter 75.265(n) 15.

The attached Hazardous Waste Monitoring Report must be substituted quarterly for a year beginning Movember 19, 1931, for each monitoring well.

Should you have any questions or desire further information regarding this matter, please feel free to contact Mr. C. J. Conapitski in this office.

Sincerely,

Ronald F. Klinikowski Facilities Supervisor

RFK:mg

Enclosure

200533

ER-SWM-1:5/79

## DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

100534 9/14/81 167-				C. SEC. NO. (16-24) 48-5242			
	والمراجع والم والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراج	itary Landfill Inc. RD#1 Allentown PA					
30 M	South which				ر موروب		
		e, address, and telephone number)  RD <sup>±</sup> 1 Allchtown PA 345-6251 345-4580			,		
DAIL	Y VOLUME RECEIVED 2:50-300 To	ANNUAL REPORT RECEIVED  DAYS PER WEEK  OPERATED 5 1/2					
		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable			_		
	CHAPTER CITATION		1	2	3		
26	75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X				
27	75.21(s)	25' setback line buffer zone present	X				
26	75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		L		
<b>(</b> )	75.21(q)	Approved operational safety program being utilized	X				
30	75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird. mosquito, rodent, fly	X		•		
31	75.21(m)(2)	Hours of operation prominently posted	X				
<sub>~</sub> 32	75.21(k)	Telephone or other communications available	X				
33	75.21(0)(1)	Salvaging occurs in accordance with regulations	X				
34	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X				
35	75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	X				
36	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	X				
. 37	75.24(c)(2)(ii), (iii), & Final slopes within 1 to 15 percent or as approved by Department						
38	75.24(c)(2)(xi) & Adequate source and type of cover material being utilized  75.38 II(8)(viii)  Adequate source and type of cover material being utilized  (Reg)(A)						
39	75.24(c)(2)(v) & Site access roads are negotiable by loaded collection vehicles 75.38 II(8)(ii)(iv)(vi)						
10	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	X				
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ij)	Fire breaks	X				

ER-SWM-1A:5/79

## DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

1 - Compilance,	2 - Non-Compliance,	3 - Not applicable

		1 - Compilance, 2 - Non-Compilance, 3 - Not applicable			
	CHAPTER CITATION		1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management -		X	
43	• 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X	7 -	-
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X		
45	75.24(c)(2)(x)	Approved subbase being utilized	X		L
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		
47	75.25(h)	Lined site, under drains operable			X
48	75.25(i)	Are liners in place and covered with protective earth	`		X
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained		Γ	X
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly	Π		<b>5</b>
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X		
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X	Į,	
53	75.26(q)	At lined sites, is all waste deposited on lined areas			X
54	75.26(f)	Regulation ban on open burning adhered to	IX	Г	Γ
55	. 75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X		Γ
56	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X		
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X	Г	Γ
58	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X	Г	Г
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	×		
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	X		
81 .	75.26(q), 75.37(k), (s) & 75.38 ii(8)(x)	Operation in accordance with approved plans	×		
62	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site		X	
63	75.26(j), (k)	Blowing litter controlled	X		Γ
64 64	75.26(c)	Provision for standby equipment available when needed	X	厂	T
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	ľ	Y	<b> </b>
66 66	Chapter 101(9)(e)(2)	Is bonding status correct	T	$\Gamma$	17

## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS: FORM NO. 10, 11, & 12

Weather: Sunny, WAYM

DISPOSAL FACILITY NOVAK SANITARY

LANGE FILL INC 100534

DATE 9/14/81

The present working face remains to be on the east side of the landfill Excavation is continuing on the demolitor Lisposal Area. After this Area has been completed them work will shift to the #2 Trench.

### Chapter Citations:

#42. 75.24(c)(xxiv) 75.37(x) A gas management flow has recently
75.36(11)(6) been submitted And 15 being reviewed for
Acceptability.

#62. 75.26(4)(h) 75.38(11Xx)(ri) The very dry conditions have contine to cause a dust problem on the site. The use of Goundry sand on the road has helped but some additional controls are needed.

#65: -75.26(o)(p) 75.37(j) Efforts to reverential the completed fill ARA
75.38(11)(8)(ik) have not begun yet due to the dry conditions, =
However, this should begin as soon as the stason
permits.

Michael Is Maislie

Department of Environmental Resources Representative

Lawy March

(1)

Nather: Cloudy 68°F Date: Sept. 22, 1981

Aug.

1981

INSPECTION

### NOVAK SANITARY LANDFILL REPORT

PUBLIC ROADS:

L.R. 39042 and T-593 have mud on public road surfaces leaving landfill entrance.

ACCESS ROADS:

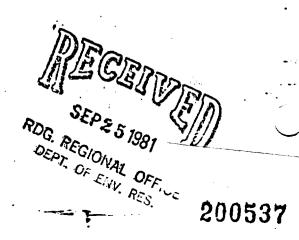
Main road and branch roads in poor condition because of rainy weather. The operator was working on improving these conditions by laying stone on the roads.

DISPOSAL AREAS:

Disposal operations presently going on the vicinity of 11+00 W, and 11+00 S. Work will progress in this area until surface of fill reaches grade.

Demolition is dumping in that area in and around Station 5+50 W, and 6+00 S.

New trench is being dug to the East of the exsisting demolition area.



TRENCH:

Soil being removed from demolition trench in East part of the landfill and being used to cover compacted refuse.

FENCES:

in good condition.

**VEGETATED AREAS:** 

All trees and brush around the perimeter of landfill is clean.

VECTOR & INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on site.

### NOVAK SANITARY LANDFILL REPORT

#### COMMENTS:

cc:

C= 5 - 09-29-81

Adequate daily soil cover applied over the refuse is recommendable. Continue to clean blowing litter from trees and brush. Apply final cover to completed areas and seed with fast growing grass. Mud from landfill area on road surface should be removed.

INSPECTED BY:	DATE:	<u>C</u>	
C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102		•	
ATTEST:			

200539

heg !

\_ FR-SWM-1:5/79

## JMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

## INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

	•	TOTIM NO. 10				
IDEN	TIFICATION NUMBER (1-	-7) INSPECTION DATE (9-14) INSPECTORS SOC. SEC. N	O. (16 - 24)			
•	100534	10/15/81 167-48-52	142			
	E OF DISPOSAL FACILITY					
$\overline{\lambda}$	louak Sanitary	LANdill, Inc. RD#1 Allentown PA		٠.		
	ICIPALITY :	COUNTY				
	South Whitehn	<u> </u>				
		A DELLA ALLE BOARD TELEPHONE NUMBER)		ا الانبادات		
		AK RD#1 Allentown PA 395-6251 395-4580	·			
	Y VOLUME RECEIVED	ANNUAL REPORT RECEIVED DAYS PER WEEK OPERATED 5 /2	•			
	(50 300 10 7					
	·	1 - Compliance. 2 - Non-Compliance, 3 - Not applicable	,	_	_	
	CHAPTER CITATION	Company Comments	1	2	3	
26	75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X			
27	75.21(s)	25' setback line buffer zone present	X			
28	75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X			
	75.21(q)	Approved operational safety program being utilized	X			
$\bigcup$	75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required:	X	1		
30		bird, mosquito, rodent, fly				
31	75.21(m)(2)	Hours of operation prominently posted	X			
32	75.21(k)	Telephone or other communications available				
33.0	75.21(0)(1)	Salvaging occurs in accordance with regulations				
7.34	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X			
	75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	X			
	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	X			
36 37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X			
38	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	Х			
<b>3</b> 9	75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X			
	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)  Slopes, benching and terrading in accord with regulations					
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 (I(8)(ii)	Fire breaks	X			

200540

\* . ER-SWM-1A:5/79

### DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

## INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

		FORM NO. 10			
_		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable			
	CHAPTER CITATION	·	1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management		X	
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 li(8)(i)	Ground water monitoring requirements being met	X		i
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X		
45	75.24(c)(2)(x)	Approved subbase being utilized	X		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		
47	75.25(h)	Lined site, under drains operable			X
48	75.25(i)	Are liners in place and covered with protective earth			X
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained			X
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			LX
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X		
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X		
53	75.26(q)	At lined sites, is all waste deposited on lined areas			X
54	75.26(f)	Regulation ban on open burning adhered to	X		
55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	×		
58	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	×		
57	75.28(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X	$\Box$	
58	~ 75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X		
	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X		
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	X		
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X		71
. 62	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X		
63	75.26(j), (k)	Blowing litter controlled $\mathcal{B}_{c,c}$	X		
54	75.26(c)	Provision for standby equipment available when needed	X		
85	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		y	
	<del></del>		_	$\overline{}$	

Is bonding status correct

Chapter 101(9)(e)(2)

## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

Weather: Sunny + Cool

COMMENTS: FORM NO. 10, 11, & 12

LAND GILL INC. 100534

DATE 10/15/81

The working face on the east side of the landfill is continuing to recieve wastes. The No. 2 trench is being excavated at this time and the large rocks in it are being removed.

Chapter Citations .

442) 75,24 (CX2XXXIV) 75,37(K) The gas management plan is being reviewed
75,38(11)(6) and notification + recommandations will be made in
the never later.

#65) 75,26(0)(p) 75,37(j) Rye giass and wheat seed has recently been 75,38(1)(x) planted on the newly completed fill Area. This seed has not begun to grow its gift due to the dy condition

ORIGINAL Redj

Mulad & mairle

Department of Environmental Resources Representative

Laws J. Marak

( Leather: Cloudy 66°F
Date: October 16, 1981

September 1981

INSPECTION

### Novak SANITARY LANDFILL REPORT

PUBLIC ROADS:

L.R. 39042 and T-593 in good condition; no mud or refuse from landfill on surface.

ACCESS ROADS:

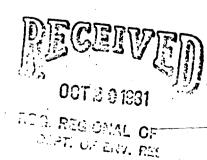
Main road in good condition; branch roads also in good condition.

#### **DISPOSAL AREAS:**

Disposal operations presently going on the vicinity of 11+00 W, 11+00 S. Work will progress in this area until surface of fill reaches grade.

Demolition is dumping in that area in and around station 5+50 W, 6+00 S.

Final cover and seeding was applied to the Southwest.



TRENCH:

Soil being removed from trench #2 and being used to cover compacted refuse area and also stockpiling on the east side of trench.

FENCES:

In good condition.

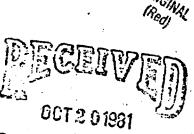
Some plastic material on fences and in the tree line located at the east end of landfill.

VEGETATED AREAS:

All trees and brush around the perimeter of landfill clean; except for some plastic material on fence and tree line.

VECTOR & INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on site.



RDG. REGIONAL OFFICE DEPT. OF ENV. RES.

200544

### Novak SANITARY LANDFILL REPORT

COMMENTS:

Remove plastic material from fence and tree line. Also continue to clean blowing litter from same.

INSPECTED BY: C.Q. C. C. C.

DATE: 10-16-81

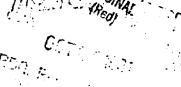
C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST:

CC: Novak Sanitary Landfill

Department of Environmental Resources.

South Whitehall Township.



ER-SWM-1:5/79

## DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

NTIFICATION NUMBER (1-	-7)		- 14) INSPECTORS SOC. SE	INSPECTORS SOC. SEC. NO. (16-24)			
100534 10/29/81			167-48	167-48-5242			
E OF DISPOSAL FACILITY		FACILITY ADDRESS				هند.	
JOVAK Sanitar	y Landfill Inc. RD	* Allento us	PA				
	h = 2	COUNTY				•	
		Lehigh	gramma a sama a sam			 	
	المتعدد والمتعدد والم						
	ANNUAL REPORT REC	EIVED					
X 70 - 300			OPERATED 77				
	1 - Compliance, 2 - Non-Compliance	e, 3 - Not applicable			_		
CHAPTER CITATION		•		1	2	3	
75.21(m)(3)	Suitable barrier blocks access to site when atten	ndant is not present.					
75.21(s)	25' setback line buffer zone present	· · · · · · · · · · · · · · · · · · ·		X			
75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for minim	nizing fire hazard	···	$\bot X$			
75.21(q)	Approved operational safety program being utilized	zed		- X	Щ		
75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly						
75.21(m)(2)	Hours of operation prominently posted						
75.21(k)	Telephone or other communications available						
75.21(o)(1)	Salvaging occurs in accordance with regulations						
75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided						
75.24(c)(2)(xxi), 75.37(j) & 75.38 (l(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift						
75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the s	site		×			
75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approve	ed by Department		RIGN PX			
75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized						
75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded colle	ection vehicles		X			
75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with re	egulations		×			
75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks		1000	X			
	E OF DISPOSAL FACILITY  SOUTH Whith  SOUTH Whith  LITY PROPRIETOR (NAME  DUIS J. NOUAK  Y VOLUME RECEIVED  250 - 300  CHAPTER CITATION  75.21(m)(3)  75.21(g)  75.21(g	E OF DISPOSAL FACILITY  VOVAK SANITARY LANDFILL TOO.  IICIPALITY  SOUTH White Hall Top.  LITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER)  PUIS J. Novak RD* Allentown PA  Y VOLUME RECEIVED  250 — 300  1 — Compilance. 2 — Non-Compilance  CHAPTER CITATION  75.21(m)(3)  Suitable barrier blocks access to site when atter  75.21(b)(1). (2). (3)  Adequate fire equipment or procedure for minim  75.21(p)  Effective vector control program utilized at site bird, mosquito, rodent, fly  75.21(m)(2)  Hours of operational safety program being utility.  75.21(n)(1). (2). (3). (4).  75.24(c)(2)(xil), 75.37(c)  Salvaging occurs in accordance with regulations  75.24(c)(2)(xil), 75.37(c)  Surface water management administered at the  75.24(c)(2)(xil), 75.37(c)  Adequate source and type of cover material being the surface of the surfac	E OF DISPOSAL FACILITY  VOYA'K Spiritary Landfill Inc.  RD*1 Allentown  IICIPALITY  COUNTY  South Whithall Tap  Lehigh  LITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER)  DUIS J. Nouak  RD**1 Allentown  RD**1 Allentown  RD**2 Allentown  RD**345-6251  ANNUAL REPORT RECEIVED  1 - Compilance, 2 - Non-Compilance, 3 - Not applicable  CHAPTER CITATION  75.21(m)(3)  Suitable barrier blocks access to site when attendant is not present.  75.21(1). (2). (3)  Adequate fire equipment or procedure for minimizing fire hazard  75.21(p)  Effective vector profiler, organizational safety program being utilized  75.21(p)  Effective vector control program utilized at site where needed. Circle vector profiler, mosquito, rodent, fly  75.21(m)(2)  Hours of operation prominently posted  75.21(h)  Telephone or other communications available  75.21(h)(1)  75.21(h)(2)  Salvaging occurs in accordance with regulations  75.21(h)(1)  75.21(h)(1)  75.21(h)(1)  75.21(h)(1)  75.21(h)(1)  75.21(h)(1)  Final minimum uniform two foot layer of compacted cover material placed on a continuous cont	## OF DISPOSAL FACILITY ## OF	DO 53 4	BOF DISPOSAL FACILITY   FACILITY ADDRESS   RO*1   Allento un   PA	

ER-SWM-1A:5/79

75.26(c)

75.26(o), (p), 75.37(j),

Chapter 101(9)(e)(2)

75.38 II(8)(ix)

#### 

## INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable **CHAPTER CITATION** 75.24(c)(2)(xxiv), 75.37(k) & 75.38 ii(6) Gas management 75.24(b)(4)(i), 75.37(k)(6), 8 75.38 il(8)(i) Ground water monitoring requirements being met 75.24(c)(2)(xi), 75.37(k) Approved cover material being utilized & 75.38 II(8)(ii) 44 75.24(c)(2)(x) Approved subbase being utilized 45 75.24(c)(2)(xvi), 75.37(k) Proper barriers being maintained & 75.38 11(8)(iv) 46 75.25(h) Lined site, under drains operable 47 75.25(i) Are liners in place and covered with protective earth 48 75.25(o)(3) Lined site, daily record of leachate flow maintained 49 75.26(a) & 75.37(g) Leachate treatment facilities being operated properly 50 75.26(o), 75.37(g), Erosion controlled on site, diversion ditches as required 75.38 II(8)(viii) 75.26(b), 75.37(k)(2), (3), Solid waste spread and compacted in layers not exceeding two feet deep 75.38 (I(8)(ii) 52 75.26(q) At lined sites, is all waste deposited on lined areas 53 75.26(f) Regulation ban on open burning adhered to 75.26(d) & 75.38 II(8)(vi) Bulky waste properly controlled 75.26(I) & 75.38 II(8)(vii) Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day 56 75.26(s) Hazardous wastes & sludges stored and/or disposed with written Departmental approval 57 Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts 58 75.26(d) & 75.38 II(8)(iv) Unloading area restricted to proximity of the working face 59 60 75.26(i) Working face area confined to size suitable for daily cover/compaction 75.26(q), 75.37(k), (s) & Operation in accordance with approved plans 75.38 II(8)(x) 61 75.26(g), (h) & Dust controlled at site ORIGINAL 75.38 II(8)(vi) 62 75.26(j), (k) Blowing litter controlled

Provision for standby equipment available when needed

Is bonding status correct

Has vegetative growth been established to prevent soil erosion on disturbed areas

### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS: FORM NO. 10, 11, & 12

Wenther: Drizzling rain, cloudy, cool

Liandfill Inc 100534

Due to several days of rain, the landfill is very moddy, however the access roads remain firm. The working face is in the same spot as during the last inspection. But the compactor and a small durer are being used to manage the refuse.

chapter Citations

#42) 75,24 (c)(2)(AXIV) 75,37(K) A gas management plan has been submitted
75,38(11)(6) And review is currently in picycess.

#65) 75.26 (0), (p), 75.37(,) No new vegetation could be seen on the 75.38 (11)(8)(1x) Area which has been planted.

Middel & Martie

Department of Environmental Resources Representative

Il. Amole

Operator

200548

EA-SW.N-1:5/79

## DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

ENTIFICATION NUMBER (	-7)	INSPEC	TION DATE (9-14)	167-48-		•	
AME OF DISPOSAL FACILITY	v	5461157	7/8/	16/ 10	<u> </u>	7	<u></u>
Nounk Sandary	Jandell 7		y address Allentown Pi	0			
UNICIPALITY	LHIONI, -	COUNT	7 1 4 4	7	<del></del>		_
South Whitel	all Two	the control of the co		Til i The in in			* ;
CILITY PROPRIETOR (NAM		TELEPHONE NUMBER	<u>"}"</u>				-7
Louis J. Nov.	_	1 Alkentown PA	245-19	751 395-	458	<b>~</b>	
AILY VOLUME RECEIVED		ANNUAL REPORT RECEIVED		PER WEEK	7,70	_	
250-300		yes		ATED 51/2	· · · · · · · · · · · · · · · · · · ·	· · · · ·	
	1 - Comp	ilance, 2 - Non-Compliance, 3 - Not	epplicable				~~
CHAPTER CITATION	-	and the second s	··· <del></del>		11	2	╁
75.21(m)(3)	Suitable barrier bla	ocks access to site when attendant is not	present.		X		r
75.21(s)	1	offer zone present	pr ww0111.		区	-	r
75.21(1)(1), (2), (3)	<del></del>	pment or procedure for minimizing fire h	azard	<del></del>			t
75.21(q)	Approved operation	nat safety program being utilized	<del></del>	<del></del>	一文	_	f
75.21(p)	1	and the state of t	od Circle vector program	roquired			r
,, ,	bird. mosquito, rod	ntrol program utilized at site where needs lent, fly	d. Circle vector program	requireo.	IX		l
75.21(m)(2)	Hours of operation	prominently posted			TX		t
75.21(k)	Telephone or other	r communications available		<del></del>	一文		t
75.21(0)(1)	Salvaging occurs in	n accordance with regulations			X		t
75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational record	ds maintained and method of measuremen	nt provided		×		
75.24(c)(2)(xxi), 75.37(j) 8. 75.38 II(8)(viii)	Final minimum uni	form two foot layer of compacted cover r	naterial placed on surface	of final lift	×		
75.24(c)(2)(i), 75.37(e) &	Surface water man	agement administered at the site			X		
75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within	1 to 15 percent or as approved by Depar	tment		X		
75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source a	and type of cover material being utilized			×	·	
75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads	are negotiable by loaded collection vehicl	es	(N <sub>I</sub> )	X		
75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 N(8)(viii)	Slopes, benching a	and terracing in accord with regulations			X		
75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ij)	Fire breaks		:	863217	X		
a raiso morni				20	$0\overline{54}$	9	]

ÈR-SWM-1A:5/79

### DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

·¥		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable	_		_
	CHAPTER CITATION		1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management		X	
43	. 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X		- 40
44	75.24(c)(2)(xi), 75.37(k) & 75.38 (1(8)(ii)	Approved cover material being utilized	X		
45	75.24(c)(2)(x)	Approved subbase being utilized	$\overline{x}$		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		F
47	75.25(h)	Lined site, under drains operable			17
48	75.25(i)	Are liners in place and covered with protective earth			5
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained			5
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			X
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X		
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	Х		
53	75.26(q)	At lined sites, is all waste deposited on lined areas			X
54	75.26(f)	Regulation ban on open burning adhered to	X		
55/1	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X		
58	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day		X	
57	<sup></sup> 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X		Γ
	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X		Г
58 59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X		
en :	75.26(i)	Working face area confined to size suitable for daily cover/compaction	$\mathbf{x}$		Г
5 5	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X		
61 62	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X		
83	75.26(j), (k)	Blowing litter controlled	X		
54 .	75.28(c)	Provision for standby equipment available when needed	X		Γ
65	75.28(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		X	
٠,		<u>and the control of t</u>	<del>  -  </del>	┝━┪	<b>\</b>

## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS: FORM NO. 10, 11, & 12

Wentheri Cloudy, + Cool; has

DISPOSAL FACILITY	byak Sanitan
LANGE// Inc.	
DATE 11/17/81	in the second se

The working face remains At the same place as during the last inspection. About 5 feet remain to be filled At this Area. The East nAK of the No. 2 Trench is nevering completion.

### chipter citations:

42) 75.24(C)(2)(xxIV) 75.37(x) A meeting between the Department and the 75.38(I)(6) design engineer of the gas plan is being set up to facilitate the implementistics of it.

76) 75,26(1) 75,38(11)(8)(VII) Some Areas near the working face has not mental an adequate all layer of over material. Some covering had been done on this Area but not nearly enough. This Area should receive further cover Along with todays covering operation.

75.26(0),(p) 75.37(j) The Area requiring vegetative growth will have to 75.38(1)(x)(x) with until next spring before grass can be grown. If
the seed which has closely been proved Beggg not grow
then reseeding will have to be lose.

Muchael & Thanks

Department of Environmental Resources Representative

Soperator Operator

October 1981

(1)

Weather: Cloudy 39<sup>O</sup>F
Date: November 24, 1

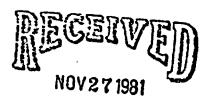
October 1981 INSPECTION
SANITARY LANDFILL REPORT

PUBLIC ROADS: L.R. 39042 and T-593 in good condition; no mud or refuse from landfill on surface.

Main Road in good condition; branch roads also in good condition. branch road is still under construction.

DISPOSAL AREAS: Disposal operations presently going on the vicinity of 11+00 W, 11+00 S. Work will progress in this area until surface of fill reaches grade.

Demolition is dumping in that area in and around station 5+50 W, 6+00 S.



RDG. REGIONAL OFFICE DEPTL OF EAST RES. TRENCH:

Soil being removed from trench #2 and being used to cover compacted refuse area and also stockpiling on the east and west side of trench.

FENCES:

Some plastic material on fences and in the tree line located at the east end of the landfill.

VEGETATED AREAS: A

All trees and brush around the landfill have plastic material.

VECTOR & INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on site.

### NOVAK SANITARY LANDFILL REPORT

COMMENTS: Remove plastic material from fence and tree line.
Also continue to clean blowing litter from same.

San	00 ( Ha)		
INSPECTED BY:	Ca. Cathella	DATE:	Nov. 24, 1981

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST:

CC: Novak Sanitary Landfill
Department of Environmental Resources
South Whitehall Township

E:-SMK · YEAR MONTH	30:11/80 [HISI] [MOUEM	DEPARTME BUREAU PROC	MONWEALTH OF PENI NT OF ENVIRONMEN I OF SOLID WASTE ESSING/DISPOSAL DAILY LOG	TAL RESOURCES MANAGEMENT	SITE PER	ept Use ID CODE MIT # EGION
FACILIT	<del></del>	WAKISLIAWIOI	TILLENCI		<b>.</b>	
ADDRESS		Street or Box Numb Town	er or City	COUN LEHIGH Zip		

ZIIS-BASIGIZKII ALLIEWTOWMIIII IIBIOY																													
		ETH(					D	AILY	T	IATC	S								CUMULATIVE TOTALS										
DATE	M	JNIC	CIPA	\L	L RESIDUAL OTHER					MUN	VIC:	IPAI			RESIDUAL OTH					THE	HER								
1													1 12				П									Π			
2	3	li	0		3	3	0		Ó	0			3	1	0		П		7	7	0			10	0				
3	2	2	0		3	4	5		1	0			5	ユ	C				6	7	5			11	0				
4	3	4	5		2	8	5		7	5			8	7	5				4	6	0			12	5	1			
5	2	6	0		3	0	5		0	0			1	7	3	5			j	2	6	5		12	5	1			
6	4	1	0		3	7	5		2	5			1	5	4	5			7	6	4	0		15	0				
7		8	5		1	0	5		0	0			1	6	3	0			$\int$	7	Ü	5		15	0				
8														- 1 · 2 ·															
	3	5	0		2	6	9		2	0			$\overline{I}$	9	4	0			2	0	1	4		17	0				
10	2	7	0		3	i	5		1	9			2	2	5	0			2	3	2	9		8	8				
11	3	8	0		3	2	5		1	5			2	6	3	C			2	Ċ	5	4		1	C	3			
12	3	Ĭ.	0		2	6	4		0	0			2	9	4	0			2	9	1	8		1	O	3			
13	4	3	5		3	I	8		1	7			3	3	1	5			3	2	13	6		li	2	0			
14	1	1	0			6	5		0	0			3	4	8	5			3	3	0	i		1/	2	0			
15													4 11 11												Γ				
16	3	8	8		3	5	0			9		·	3	8	7	3			3	Ó	5	I		1	2	4			
17	3	2	0		2	8	6		1	4		1	4	1	9	3			لد	9	3	- 7		17	14	13			
18	2	1	0		3	2	3		0	0			4	4	0	3			4	2	6	0		1/	4	13			
19	2	3	0		2	0	5		0	0			4	6	3	3			4	Ü	6	5		1	4	3			
20	3	_	0		4	2	6		0	0			4	9	3	3			4	8	9	1		1	4	3			
21		9	5		Ĺ	7	5		0	0			5	0	8	8			4	9	6	6		i	4	3			
22						Ĺ													-,-										
23	4		5		3	1	5		2	2			5	5	0	3			5	2	8	1			6	5			
24	2	7	5		2	4	6		1	5			5	7	7	8			5	5	2	7		1	9	0			
25	3	0	5		3	5	6		0	0			6	0	8	3			5	8	8	3		1	8	0			
26	7		8		2		8		1	Ĺ			6	3	2	1			6	1	2	1		17	9	1			
27	3	<u> </u>	0		3	8		igsqcut	2	0			6	7	1	1			6	5	0	1		12	1	1			
28	1	0	5			6	19		0	0			6	8	1	6			6	5	$\mathcal{I}$	0		2	II	11			
29																												<u> </u>	Ĺ
	4	1	0		3	3	4		1	0			7	2	Z	6			6	9	0	9		2	2	1		-	
31																													
	YEARLY CUMULATIVE							7	8	0	1 2		П	8	3	8/0	7/1		2	3	6	3							

ER-SKM-30:11/30

YEAR

COMMONUEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT
PROCESSING/DISPOSAL FACILITY
DAILY LOG

	pt Une)
site j	D CODE.
PERM	
	JII ,
9. 1.	CTON

MONTH	OKTOBER

FACILITY NAME MOUTA	KISLIANDE!! LILING	
Stree	t or Box Number	. COUNTY
ADDRESS RIDE		LEHIGH
PHONE	Town or City	Zip Code
2117-319516121577	ALLENTOWN	1181104

1211151-1319151612151/1 [AILILE MITIO IWM   1   1   1   1   1   1   1   1   1																														
	M	3TH				-	D	AIL:	Y T	OTA	LS											CU	HULI	TIV	E	TOT	ILS.	-		
DATE	M	INI	CIP	ΛL	R	ESI:	DUA:	L		OTHI	ER			MU	NIC	IPAI				R!	ESII	DUAI	٠		OTHER				$\overline{\cdot}$	
1	2	7	0		13	7	0		I	0			171	1	Ũ				3	1	0				1	0				
2	3	3	0		2	6	5		<u> </u>	6			6	0	0				5	.1	5				1	6				
3		8	0	_	1	1	5		1	7			6	1	0	<u> </u>	_		6	9	٥				?	3				
4		L			_	<u> </u>		<u> </u>								<u> </u>	<u> </u>													
5	3	S	0		3	17	0			3				0	3	0			$\mathcal{L}$	0		0			4	6			!	
6	2	8	K	<u> </u>	3	1	IC.		1	0			1	13	1	5			Ĺ	3	2	0			$\sum_{i}$	6				
7	3	2	13	_	3	6	15	ļ	1	5			j	6	3	9	<u> </u>	<u> </u>		-1	3	5_			Ţ	į	<u>  •                                     </u>	$\sqcup$		
8	2	6	<u> </u>	_	1	7	15	_	<u> </u>	9			旦	9	0	3	_			9	1	C			8	0	<u> </u>		$\vdash$	
9	4	1	0		4	0	5	<u> </u>	1	3			2	3	1	3	<u> </u>	<b> </b>	2	3	1	5				4				<del>-</del> -(
10	1	0	5		<b> </b>	6	15	<u> </u>	0	0			2	4_	1	4			2	7	5	0			9	S				<u> </u>
11			<u> </u>		<u> </u>	Ļ	<u> </u>	<u> </u>	_	<u> </u>				Ļ	Ļ	_					_						_			
12	3	9	0		3	17	14	ļ	1	5	-		2	8	10	19	<u> </u>		2	7	چ	4			4	i	3			
13	2	5	0		3	2	0	_	0	0			3	0	5	8	<u> </u>		7	0		4			<u>/</u>		3			}
14	3	6	4		1	9	0	<u> </u>	0	0	igsqcup		3	14	2	2	Ŀ	<u>  -                                   </u>	3	2	6	4			4	1	3			
15	2		0		2	12	14	<b> </b>		8			3	1,7	0	2			5	4		8				2	-			
16	4	2	0		3	5	6	<del> </del> —	2	5			4	μ.	금	3			3	2	ч	4			1	4	6	$\left  \cdot \cdot \right $		
17		1	5		1	μ_	6	<del> </del>	0	0			4	1	19	17		_	3	9	6	5		_		ij	<u>ć</u> _			_{-{
18			<u> -</u>		<u> </u>	<del> </del>	╀╼	├	<u> </u>	<del>  _</del>				<del> _</del>	<del> </del> _	<u> _</u>			<u></u>	_	_	_				_	<u> </u>			
19	3	2	5		3	<del>L</del>	5	<del> </del>	1	0			4	5	근	12			4	2		5				5	6		{	
20	3	1	0		2	2	6	<del> </del>	1	5			4	13	3	2_	<del> </del>		4	5	0	<u> </u>			4	1	<u> </u>			
21	3		2	_	3	4	0	<u> </u>	Υ_	2	<del>                                     </del>		کے	2	10	Η_		ļ	1	8	4	<u> -</u>				8	3		<sub>r</sub>	}
22	2	3	0	-	13	1	0	<b> </b> -	0	0	-		5	14	17	14	<u> </u>		5	4	5	广			<u>-</u>	3	3			
23	4	3	7	_	3	6	8	<del> </del>	1	8			5	3	<del>                                     </del>	Ļ.			5	5	<del>                                     </del>	9	_		7	0	<u> </u>		<b></b>	
24	<u> </u>	7	5		4	3	3	├	0	0			5	19	6	6	<u> </u>		5	6	5_	2			3	C	-			
25		2	<u></u>		7	9	3	-	<u> </u>	<u>_</u>	$\vdash$		<del> </del>	<u> </u>	-	<del>  _</del>	-		_	<del>  _</del>	<b> </b>	~		$\square$	_	_	<del> </del>	<del> </del>		
26			0	-	┡	17	₹ <u></u>	<del> </del>	0	4 <u>-                                    </u>				]	8	6		+-	6		4	5		$\vdash \vdash$	<u> </u>	0	1			
27			9		<u>3</u> 2	丫	6	<del> </del> -	1	5			6	6	7	5		<u> </u>	6	3_	6	<del> </del>			<u>Z</u> .	1	6			
28	3		0		15	0	12	├—	2	2	$\vdash$		6	13	4	Ž	-	-	6	5	6	6_			2		8			}
29	3		5		<del>                                     </del>	14	6	<del> </del>	1	6		_	7	2	9	0	<del> </del>	<del> </del>	6	7	<del>  /.</del>	2			<u>2</u>	5	4	<del>  </del>		<u> </u>
30	3	6	5		4	3	P		۲	8			7	6	5	5		-		上	4	7	-		3	7	3	$\vdash$		<del></del>
31	/	0	2		<u>Ľ</u>	<b>以</b>	0		0	0			7	17	<u> </u>	17	<u>L</u>		7	2	12	7			2	7	2			أحدد
	YEARLY CUMULATIVE								7	0	7	3 6			7	6	90	1 2			2	3	4		<u>.</u>					

ER-SHM-30:11/80	ER	-SHM-	-30	: 1	1	/80
-----------------	----	-------	-----	-----	---	-----

YEAR 19811

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT
PROCESSING/DISPOSAL FACILITY
DAILY LOG

	SITE	ID	CO	DE '
П	1/10	0	3	14
 		RHII'		
ſ	TT	$\prod$		$\prod$
_		REG.	KOI	
			77	<b>~</b> -

(For Dept Use)

FACILITY HAME NOW	IAKIS LANDIFII LLIM	
Str	reet or Box Number	. COUNTY
ADDRESS RIDHIII		LEHIGH
PHONE -	Town or City	Zip Code
शार-अभन्धरा	ALLENTOWN	118/04

<u> </u>	HETHOD  HETHOD									111	0 14	N	Ш	L	Ш	لل		1		1115		04						•	
	[2] co.yds, Daily totals																			CU	MULA:	TIVE	TOT.	ŅS	-	•			
DATE	भा	NI	CIP.	ĄL	R	ESI	DUA	L		OTH:	ER			M	:तट	IPA	L			R	ESI!	DUA	L		0	THE	R		•
1	3	1	0		3	4	C		17	5			3	1	10				3	4	0			17	15	1			
2	3		5		2		15		1	2			Ŀ	6	15				9	3	5			12	7				
3	2	8	15		13	12	0		0	C			9	5	0				7	5	5			2	7				
4	4	0	12		3		0		1	18			1	3	15	15				3	5	5		14	5				
5	1	0	6		1	3	0		0	10			1	4	16	1			1	4	8	5		4	5				
6			<u> </u>		<u> </u>				_																				
7	3	9	5		4		0		2	5			1	4	15	16			i	8	9	5		17	0				
8	2	८	8		3	3	5		11	3			2	1	11	14			2	3	13	0		18	3				
9_	4	1	5		3	5	0		<u> </u>	9			2	5	12	19			2	5	,	0		19	2				
لر ب	Z	3	0		2	9	6		1	6			Z	1	15	19			2	8	12.	6		1/	C	8			
1	4	5	<u>  [</u>		4	<u>i</u>	3		C	0			3	2	11	14			2	3	14	9		11	0	4			
12	1	3	17		5	3	_		C	C			3	3	15	11			3	3	4	2		12	0	8			
13																					·								
14	3	8			3	6	5		j	8			3	7	3	1	<u>  .                                    </u>		3	7	0	7		1	2	6			
15	3	1	0		3	5	6		L	6			4	0	4	1			4	0	6	3		1	4	2			
16	4	2	0		4	1	2		1	8		!	4	4	6			·		4	1			1/	Ü	0			
17	2	1	5		3	2	4		2	3			4	6	17				4	7		9		11	4	3			
18	3	7	8		3	9	5		0	0			5	0	5				5	1	9	4		11	8	3			
19		9	5		1	1	6		_	9		_	5	1_	4	14			5	3	1	0		11	4	2			
20			_			_	<u> </u>			_		_	. :	_	<u> </u>	<u> </u>								_					
21	3	7	9		3	3	7		1	5			<u>5</u>	4	12	4			5	6	4	?		<u> </u>	Ö	7			
22			5"		3		0		1_	3				8	12	3			6	U	C	7		12	2	O			
23			0		3	9	5		1	1			6	1	0	3			_	4	0	2		.12	3	7			
24	3		9		2		5			6				4	17	2					0	7		12		B			
25	4		5		4	┝╧╾	0		_	4			6	9_	1	17				0	7	7		2	6	1			
26	4	2	<u>                                     </u>		5	5_	<u> </u>		0	Ů.	1	_	7	0	3	8			7	i	3	2		12	6	$\mathcal{L}$			
27	_	_										.		1 10				ļ											
88		7	7		3	1	12		2	2		<del></del>	7	4	<del></del>	5		ļ	7	4	4	4		12	8	3			}
29			0		3	6	5		1	5			7	6		5			7	8	0	9		2	4	9			
30	괴	9	0		4	1	2			U		_ļ	8	6	8	5		_	8	5	2	1		3	1	4			
31		!			انـــا																								أحيا
YEARLY CUMULATIVE 6						6	31	oT:	2/9	Γ.	l i	C	910	5 ع	1	11	Z	0	7/0	5									
TENNET COMBERTIVE								-	Tiple of			لسند			::			است:سا		سلساد			المبين						

TR-398-50:11/50

YEAR

MONTH

1191811

AUGUST

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT
PROCESSING/DISPOSAL FACILITY

DAILY LCG

(For Dept Usa)	
SITE ID CODS:	
	_
PERMIT !	
PERMIT #	
REGION	•

		. 4.		
PACILITY NAME M	OVAKI SI LIAWDEDIL	L INC.		. •
promote described to the control of the	Street or Box Number		COUNTY	,
ADDRESS RDFII		LEH	16H	
Phone	Town or City		Zip Code	
2115-39562	STI ALLEMTIONN		118104	

	, H	HETHOD  DAILY TOTALS								الفيسودا		·.		<del>نجب ج</del>				CUI	HOL	ATI	JE :	TOT	LS.			7				
DATE	Mī	NIC	CIP	AL	R	ESI	DUA	L	1	THE	ER			MU	VIC	[PAI				RI	ESII	OUAI	L			07	HE	}	أنج البائد	コ
1	T	И	0		IT	2	7		17	2			17	4	0				1	2	7				i	2			T	
2																														$\Box$
3	4	5	3		5	4	6		3	0			5	9	3				6	7	3.				4	2				
4	3	6	9		4	6	0		1	1			9	6	2					-	3	3			لح	4				
5	4	2	5		17	13	7		0	0			1	3	8	7			i	5	7	0			5				$\Box$	
6	4	3	0	_	13	6	5	_	2	5			旦	8	1	1			$\perp$	8	1	5			8	4			_	_
7	5	3	8	_	4	8	0		1	5			2	3	5	5			2	3	5	5			9	9			_	_
3	1	$\mu_{-}$	9		4	5	<b> </b>		0	0			2	4	7	4			2	4	5	0								_
3		_	<u> </u>	_	<u> </u>		<u>_</u>		<u> </u>	<u></u>					<b> </b>			_		_					<u> </u>					4
10	4	1	0	<u> </u>	4	8	3		4	5		_	3	9	4	4			_	9	3	3	-		4	4	4			-
11	3	8	<u>ş</u> _	-	4	2	6	ļ	1/_	7			3	3	2	9			3	3	5	9			<u> </u>	6	<u> </u>			
12	4	3	9	-	2	8	0		2	0		_	1	7		8			3	6	_	9			4	8	-			
13		9	3	_	3	1	9	_	2	_	$\left  \cdot \cdot \right $	-	4	5	6	<u> -</u>			3	9	4	9	-		2	9	1			$\dashv$
14	6	2	3	_	14	9	3	-	3	0	-		4	9	9	4		-	4	4	4	3	$\vdash$	-	7	3	7			-
15		<u> </u>	}		<del> </del>	μ	1	-	6		-		4	8	1	7		-	4	6	-	2			۷	>	1			$\dashv$
170	3	9	0		7	9	0	-	1	5	$\vdash$		5	2	8	4			_	6	0	3		-	2	5	2	-		-
18	2	8	5	-	3	8	5	-	+	0	┝┤		5	5	6	9		-	کار	7	8	8			2		2	$\vdash$		
19.5	11		6		4	1	7	-	2	5	$\vdash$		6	0	0	5			2	8	0	5			_	8	7			$\dashv$
20	7		5		국	6	5		5	0			6	4	7	Ó		-	3	7	7	0			_	0	7	$\vdash \dashv$	-	ᅱ
		6	0	,	4	7	0		1	3				9	7	0		_	ė	6	ij	0			3	Z	0	$\vdash$	一	ㅓ
22	力	0	7		1	4	3		0	-			首	0	7	7	$\neg$	_	6	न	8	3				۷	۲		-	ᅱ
23			<b>-</b>		<b>—</b>	_			ľ	_	$\vdash$		•		-				~	<u> </u>	_	<b>-</b>							-	7
4	4	Z	6		4	8	7		3	5			7	5	0	3			7	2	7	0			2	5	5		_	7
	_		0		3	2	6		2	5		-	7	8	9	3			_	5		0				8	Ó			一
6	4	3	6		3	9	5		Ī	0			8	3	2	3			7	ğ	8	5				_	0		_	一
7	2		4		2	3	0		7				8	5	4	7			8	2	1	5			3	9	7			
.8	4	8	3		5	7	3			Ø			_	0	8	0			8	1	8				4	0	7			丁
9	I	6	5		1	6	9		0	0				2	4	5			8	9	5	7								
5																														
1	4	7	0		6	3	9		2	Ö			9	7	1	5			9	5	4	6			4	7.	7			
				• • •	YI	EARI	LY (	CUM	JLAT	IVE	3		5	4	7/1	14			6		411	14			1	7	5/	,		Ū.

Fa-Sym-	30	:	1	1	18	0
	-					

TAR

MONTH

COMMONWEALTH OF PERINSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT
PROCESSING/DISPOSAL FACILITY
DAILY LOG

	SITE		CODE (	
П	110	70	चरा	-
	PE	RHIT	#	٠
		$\Pi$		
		REGI	ON	
			П	

PACILITY N	AHE WOULA	IKI ISI LIAN	IDIFILL IN		4.7
	Stree	et or Box Numbe	r	COUN	ITY
address R	DI			LEHIGH	
	HONE		or City	Zip	Code
2115-31	4516121511	ALLEWIT	DIWIN		ग्राग्य
The state of the s	and the second second				

METHOD DAILY TOTALS									an en	: 15 			CUMULATIVE TOTALS																	
DATE	M	INIC	CIP	\L	R	ESI	DUA	L.	(	THE	R			MUI	VIC:	IPAI	,			RI	ESII	TAUC	<u>.</u>			07	THE	₹ .		
1	4	8	3		5	4	0			0		٠,	4	8	3.	1 1		•	5	4	0			,	2	0	•			
2	3	2	5		4	8	5		1	5			8	0	8				4	4	8				3	5				
2	4	2	0		3	6	0						1	2	2	8			1	3	8	5								
										.,				17 E	er Si					• :								$oxed{\cdot}$		
5 6 7											2			1.56		7.1								•						
ó	4	6	5		6	0	5						1	6	9	3			I	9	6	3								
	3	0	0		4	2	3		3	0			1	4	9	3	,		2	3	B	6		7	6	5				
.8	4	0	5		4	0	0		Z	0			2	3	9	8			2	7	8	6			8	5				
	3	7	0		3	3	5		1	8		-	2	7	6	8			3	1	2	1			1	0	3			
10	5	0	0		4	4	0		2	5			3	2	6	3			3	6		1			1	2	8			
11		3	0		2	4	0						3	3	9	8			3	8	کا	1								
12												Ť																		
13	5	4	0		4	3	5		2	5			3	9	3	8			4	3	3	6			T	5	3	$\Box$		
44 E	2	9	0		4	5	6		2	0			4	2	2	8			4	7	9	2			1	7	3			·
15	3	2	5		3	7	13		1	7			4	5	5	3			5	1	6	5			1	9	0			
46	4	1	0		3	B	5		2	0			4	4.	6	3		Ť	5	5	5	0			2	1	0			
17	4	0	0		5	3	0		3	Z			5	3	6	3			is	0	8	0			2	4	2			
18	1	7	5			9	14		1	5			5	5	3	¥			6	2	7	4			2	5	7			
19	1.	**													10.00	5.54	4													
20	4		2	•	5	17	0		2	5			5	9-	5	0			6	8	4	4			2	8	2			
21	3	5	5		4	1	2		1	3			6	3	0	5			7	2	5	6			2	9	5			
22	3	9	0		4	2	0		1	9			6	6	9	5			7	6	7	6			3	1	4	$\Box$		
23	3	7	0		3	0	1		2	0		·	7	0	6	5			7	9	7	7	П		3	3	H	П		
24	4	8	0		4	0	6		3	2			7	5	4	5			8	3	8	3			3	6	6			
	1	5	3		2	0	5		1	8			7	6	9	8	12.5		8	5	8	8			3		4	П		
<u>≥5</u> ⊇6														, ;																
27	5	0	5		5	6	0		3	2			8	2	0	13			9	1	4	8			4	1	6	$\sqcap$		
:9	2	3	3		3	0	0		Ĭ	8			8	4	3	8			9	4	4	8			Ü	7	111			
.9	2	8	0		13	0	Ó		2	5				7	1	8			9	7	8	4			4		9	$\square$		
滇	3		0				5		3				4	0		8		-	IT	0	0	1	9		4	8				
1	_		0		1		0						9	4		8	1,11	7	1	0	2	0	9			<u> </u>		$\Box$		
لجسيعه	ن د د د د د د	L			Y		LY	CUMI	TLA:	LIVE	······································		4			29	1		5		81	8				3	26	_		

FR_	SVM-	-30 •	11	/80
L.n.	- O II C -	- 70 :		<i>,</i> 00

JUME

YEAR

MONTH

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT

PROCESSING/DISPOSAL FACILITY
DAILY LOG

SITE ID CODE'	
PERMIT #	٠,
	_
REGION	_

(For Dept Use)

FACILITY	NAME WOUAL	KI15 LAMOFILL	INCI III .
	Street	or Box Number	COUNTY
ADDRESS [	RIDIEII		LEHIGH
	PHONE	Town or City	Zip Code
2113-5	3956251	ALLENTOWN	18/04

1211	<u>5]-</u>	319	15	1612	415	Ш		ML	16	e n	471	Olr	41/1	<u> </u>		<u> </u>	Ļ		1		118	37.1	0 4	<u>.</u>						
	M	ETH 2					D	AIL	Y T	OTAI	ß											CUI	TUL!	\TI\	ie :	TOT.	NLS.			
DATE	М	INI	CIP	AL	R	ESI	DUA:	L,	(	OTHE	ER			MUI	VIC	[PAI				RI	ESII	UAI				01	THE	₹		
1	5	5	6		6	6	5		3	5			5	5	6				6	6	5				3	5				
2	3	8	0		6	8	0		2	3			9	3	6				1	3	4	5			5	8				
3	4	6	5		3	7	5		3	8			j	3	9	2			İ	7	2	0			9	6				
4	2	5	0		6	3	6		3	5			j	6	4	2			2	3	5	6				3	_			
5	5	1	5		4	5	0		12	6			2	1	5	7			2	8	0	6			3	5	1			
6	1	6	0		3	L	0		1	7			2	3	1	1			3	1	1	٧			i	7	4			
7							<u> </u>	L					<u>L</u>											_						
8	5	_	0		6	4	5	<u> </u>	4	3			2	8	4	7			3	7	6			]	2		7		_	_
9	3	2	0		6	1	C		3	3		L	3	1	b	7			4	3	7	1			2	5	5			
10	4	3	5		4	0	5			5			3	6	0	2			4	7	1	U		]	2	9	0			
11	4	L	0		4	3	5		4	1				0	j_	2			ح	2					3	3	1			
12	5	0	5		5	9	5		4	7			4	5	1	7			5	9		6			3	7	4			
13	1	1	5		1	3	2		0	0			4	6	9	Ż			5	9	3	४			3	7	8			
14						<u>L</u> _							Ľ																	
15	5	_	0		6	7	5		5	6			5	2	8	2			6	6	1	3			4	3	4			
16	3	3	5		5	3	6		4	2			5	6	1	1			7	1	ij	9			Ÿ		6			
17	4	2	0		4	3	2		2	3			6	0	3	7			7	5	8	1			4	9	9			
18	3	5	0		5	0	5		3	9	Ŀ		6		3	7			3	0	8	6			5	3	8			
19	4	8	5		6	7	5		3	2			6	8	1	2			8	7	6	1			5	7	0			
20	1	4	3		2	6	5		L	5			1	0	i	5			9	0	Z	છ			5	8	5			
21						L	上																							
22	4	3	5		6	7	4			6			7	6	8	9			9	7	0	0			6	1	1			
23	5	3	5		5	4	0		1	5			8	2	2	9			i	O	2	4			6	2	6			
24	3	1_	5		1	1	0		3	3			8	9	3	9				0	9	5	0		6	5	9			
25	4	4	3		4	5	0		3	9			9	3	8	9			j	1	4	0	0				8			
26	5	_			6	۳.	5		4	2			i.	0	0	1	4		1		0	Ì	5		7	4	×			
27	1	6	4		1	5	3		1	7			1	0	Z	2	1		1	2	2	3	8		7	5	1			
28																														
29	6	1	7		6	1	7		4	5				O	4	4	4			2	8	ζ	5		8	0	Z		·	
30	4	2	3		Ŋ	4	5		3	9			I	1	3	8	9		1	3	4	0	0		8	0	4			
31																														
<del></del>			<u> </u>	<u>ر</u>		- A 101	v	CUM	71 A	rTUI	' ?		3	5	7]	TI	T		4	71	60	olo	T-		द	6	zli	7	T	T
					11	>AN	O.L.	COM	JUH		•	1		<u>~  </u>			٠	لببل	4	44	$\simeq$ 1 $^{-}$		يسا	لـــا	_			4	ــــــــــــــــــــــــــــــــــــــ	_

en-skh	-30:11/80			Dept Use)
YEAR MONTH		COMMONWEALTH OF PENNSYLVA DEPARTMENT OF ENVIRONMENTAL RI BUREAU OF SOLID HASTE MANAG PROCESSING/DISPOSAL FACIL DAILY LOG	ESOURCES PI	ERMIT #
FACILI	TY NAME WOVA	KISI LIANDIFITULI IENIC.		
		t or Box Number	COUNTY	
ADDRES			14116141	
	PHONE	Town or City	Zip Code	
2115	-3956251	ALLEWTOWN	13104	

METHOD:														-				····	·		<del></del>									
DAILY TOTALS CUMULAT													ATI	VE :	TOT	ALS														
DATE	М	NIC	:IP	JL	RI	ESI	DUA:	L	(	OTHE	ER			MU	VIC:	[PA]	,			R	ESI	DUAI	ζ,			01	THE	\ \		4.
1													1, 2 ( A) 1 ( )	urr it i															$\Box$	
2	<u> </u>	<u> </u>			<u> </u>		<u> </u>							Libert 1																-
3	<u> </u>		ļ			<u> </u>	<u> </u>															_							_	
4	5	3	14_		6	9	17		4	5			5	3	4	<u> </u>			6	9	17	_			4	5				
5	13	6	8		6	3	17		٦,	9			5	<del></del>	2				1	3	3	4			9	4_			$\dashv$	
6	14	2	5		4	3	12		2	6			I.	13	2	7			ļ- <del>/</del>	7	6	6			1	1_	0			
7 8	3	3	7	_	6	3	8	-	3	8			1	6	6	4			2	4	0	14_			1	4	8			
"	4	8	19		5	3	<u> </u>		2	4			2	11	5	3				9	13	4	ļ		1	1	2			
	1	4	<u> '</u>		2	3	<u>p</u>		2	6	-		2	12	9	4			3	1	7	3				4	8			<u> </u>
10	-		-	-	<u> </u>	ļ. —	-							_	_	-			_	_	_	<u> </u>								<u> </u>
11	<u>5</u>	유	5		6	6	G	-	5	4			12	7	9	5			3	3	3	9			2	5	2			
12	<u> </u>		문	-	6	4	<del></del>	-	4	1		_	3	1	7	5			4	4	7	<del></del>	-		2	9	3			
13 14	4/3	0	2		3	9	5			8			3	15_	7	<del></del>			4	8	<del>  '</del> _	4	-		3	2	1			
	$\frac{3}{u}$	1	9		_	8	5		3	2	-		3	8	8	5			5	4	5	7_	-		3	<u> </u>	3			
15 16	17-	5	3		6	0	5		3	6	-		4	3	0	5			6	2	6	14 19	-		3	8	3	$\vdash$		
17	-	2	-		1	1	12	-	2	4		-	4	15	U	>			<u>i</u>	4	5	7-		-	4	-	13			
18	5	U	0	-	6	4	5	-	u	2		-	5	0	-	5			6	9	U	4	-		4	-	5			
19	3	5	u		5	3	0	-	17	6	-		5	3	4	0			0	4	<u> </u>	4	-		ü	8	13			
20	4	7	8		7	0	1	1	7	u			7	3	7	7			7	9	5	4	-		17	1	5		-	
21	3	5	6		6	6	4		2	U			6	1	9	2			8	5	7	3		-	5	7	9		$\dashv$	
22	3	7	0		6	9	17	-	3	7			6	7	0	2			9	2	1	8	-		5	7	4		-	
23	广	3	8		2	1	0		2	9		-	6	5	U	C			9	ij	12	3	-	-	5	9	3			
24	一					μ-	1		<del></del>	-			2	-	1	-			-	7_	-	12			1	-	۲_		一	
25							<del>                                     </del>								ı.	1			-		<del>                                     </del>	一				<u> </u>	<del>                                     </del>	$\vdash$	-	1
26	6	5	0		7	5	0		2	4	$\vdash$		7	4	9	0		$\dashv$	·	0	1	7	Q	-	6	<b> </b>	7	$\vdash \vdash$		
27	4				6	<b>—</b>			H	<del></del>				9	4				5	1	8	Ó			6	5	7	$\Box$	_	
28	3	2	1		7	8	4		2				8	12	6	7			<del>                                     </del>	1	3	19	0		6	8	5	$\Box$		-
`	4		5		6					5		-		7	6	2			1	2	0	2	ĬŢ		1	3			$\dashv$	
	17	4	3		1		6			0			8		0	4			7	2	17	7	17				0	$\Box$		
31													<u> </u>	$\sqcap$					一	一						<b> </b>			$\neg$	
<u></u>	l				Υ!	EAR	LY (	CIIMI	П.А1	יעדי	!		2	4	3 1	1/2	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		2	8	21	019	7	F-	2	7	8	Π		T
YEARLY CUMULATIVE 24342 28209 20															35	C	يب. ا													
(SEE INSTRUCTIONS ON BACK)													•	ل د	J	U.	L													

Feeding					)		
COMMONENTAL PRESIDENT   DEPARTMENT OF PRINCIPANIAN RESIDENT   DEPARTMENT OF PRINCIPANIAN RESIDENT   PROCESSING/DISSONAL FACILITY   PROCESSING/DISSONAL FA	ER: SWA-30:11/80						
DEPARTMENT OF ENVIRONMENTAL RESIDENT   PROCESSING   PACILITY   PACI	•			A F 4001 (207) Thomas without \$1.8.5		SITE ID CODE.	-^
		- 1					-
PROCESSIMO/DISPOSAL FACILITY   PROCESSIMO/DISPOSAL FACILITY	YEAR MAST	•			7 .	PERMIT #	
PACILITY NAME [MO]U[AKIS]   AWD[P]   LL   EMC   ADDRESS [R[0]			PROCESSI		ITY .		
ADDRESS   ROPATION   TOTALS   TOTALS	MONTH PRILL			DAILY LOG	]	REGION	
ADDRESS   ROPATION   TOTALS   TOTALS	•					الللل	. •
ADDRESS   ROPATION   TOTALS   TOTALS	PACTUATY NAME [A]	MUNICI	LAWNEL	IN ITMALL	777		
NONESS   ROE					COUNTY		
PHOUSE   Town or City   Zip Code	ADDRESS POWII					TTT	
METROD   DAILY TOTALS   CUMULATIVE TOTALS	· -	<del></del>	Town or	City	Zip Code	<del>Juliulu</del> d	
NETROD   SAILY TOTALS   SCHOULATIVE TOTALS		डा मा		- · · · · · · · · · · · · · · · · · · ·			
DATE   MUNICIPAL   RESIDUAL   OTHER   MUNICIPAL   RESIDUAL   OTHER     1	The second second	والمساول والمساولات					-
DATE   MUNICIPAL   RESIDUAL   OTHER   MUNICIPAL   RESIDUAL   OTHER     1		DATE:	r momas a		comment 100	rmp moral o	
1 1 2 5 1 2 5 1 5 1 5 1 2 5 1 5 2 6 3 1 5 2 6 3 1 2 0 0 1 1 0 0 1 1 1 1 2 2 5 2 2 3 5 2 6 6 3 3 1 2 0 1 1 5 1 3 3 3 7 5 3 3 5 0 3 3 9 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	<u> </u>	BALL	IUIALS		Comulai	IAP TOTATO	1
2	DATE MUNICIPAL	RESIDUAL		MUNICIPAL	RESIDUAL	OTHER	$\mathbf{I}$
3	1 125	25	15	125	125	115	]
			11		235		
5				<del></del>			1
5	= 85	60	9	460	4/10/	148	1
7							4
3					صنحة والمستدان و		1
7						Y-1147	4
10							1 \
11			<del></del>				4
12 13					450		1
13	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	65	7	111015	1013	112121	1
18	ببدال بديسين والمراج والمناطقات والمناطقات والمناطقات	122	7 10	12116	1120		i
15			<del></del>			فتحنث ومخفت فنفوها ونكافنا كالمراث فتقالك وا	1
168 1 1 0 1 0 5 1 5 1 5 1 5 4 0 1 4 5 7 1 7 6 1 1 1 2 0 1 1 5 1 5 1 6 0 0 1 5 6 7 1 1 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	المالق فتتأميها والبرب والمرادات والمالية والمتاريخ						
17   1   2   0   1   5   1   5   1   6   6   0   1   5   6   7   1   7   1   1   1   1   1   1   1					<u> </u>	11/16	7
18		1115					1
193   30   125   18   1850   1762   219   21   100   195   12   1950   1857   23   12   1950   195   19   32   250   3   110   16   22   80   21   62   2   84   125   110   16   22   80   21   62   2   84   125   110   16   22   80   21   62   2   84   5   95   15   10   12   10   10   2		70	10				4
20 1 3 0 1 2 5 1 8 1 8 5 0 1 7 6 2 2 1 9 1 1 1 1 0 0 1 2 5 1 1 2 1 1 9 5 0 1 2 3 1 1 2 1 1 9 5 0 1 2 3 1 1 2 1 1 9 5 0 1 2 3 1 1 2 1 1 9 5 0 1 1 9 3 2 2 5 0 1 2 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1							i
1   1   1   1   2   1   5   1   1   2   5   2   2   5   5   5   2   2   5   5		125	18	1850	1762	219	1
1   1   1   1   2   1   5   1   1   2   5   2   2   5   5   5   2   2   5   5		195	12	1950		2:311	": :
3 1 1 0 1 2 0 1 4 2 1 5 5 2 0 5 2 2 6 4 4 1 2 5 1 1 0 1 6 2 2 8 0 2 1 6 2 2 8 4 5 9 5 1 3 0 1 3 2 4 9 0 3 3 6 7 3 0 2 3 1 1 0 1 1 5 1 4 2 6 0 0 2 4 8 2 3 1 6 9 1 0 0 9 5 1 0 2 7 0 0 1 2 5 7 7 4 3 2 6 1 9 1 5 5 0 1 1 2 7 9 5 1 2 6 7 7 3 3 7 1 YEARLY CUMULATIVE 5 1 4 6 5 3 4 4 1 6 7 9 6 0 2 9	12 1 45			2045	191312		-
5 95 75 5 2365 2237 289 7 125 130 13 2490 3367 302 8 110 115 114 2600 2482 316 9 100 95 10 2700 12577 4 326 4 9 100 95 10 2700 12577 4 326 4 2351 2717 337	3 11 0	20		2155	2052		
5 95 75 5 2365 2237 289 7 125 130 13 2490 3367 302 8 110 115 114 2600 2482 316 9 100 95 10 2700 12577 4 326 4 9 100 95 10 2700 12577 4 326 4 2351 2717 337		110		2280	2162		
125 130 13 2490 3367 302 3 110 115 14 2600 2482 316 3 100 95 10 2700 1 2577 4 326 4 95 50 11 2795 1 2627 337 YEARLY CUMULATIVE 5146 51344 1679 20000	5 95	1751	5	2365		289	3
3 1 1 0 1 1 5 1 4 2 6 0 0 2 4 8 2 3 1 6 1 0 2 7 0 0 1 2 5 7 7 4 3 2 6 4 1 0 2 7 9 5 1 1 2 6 7 7 1 3 3 7 1 1 2 3 5 1 2 7 1 7 3 3 4 2 1 1 2 7 1 7 1 3 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<del></del>						
100   95   10   2700   25777   326   4   95   50   11   2795   126   77   13   37   1   2351   12717   3   42   1   4   6   79   6   79   6   79   6   79   6   79   6   79   6   79   6   79   6   79   6   79   6   79   6   79   6   79   6   79   6   79   79		30		- <del></del>			4 .
YEARLY CUMULATIVE 5 1 46 5 3 4 4 6 7 9 60 00	3 110				2482		1
YEARLY CUMULATIVE 5 1 46 5 3 4 4 6 7 9 60 00	100		10	27001	25774		1
YEARLY CUMULATIVE   5   146     5   3   4   4	1 45	150	///	27951			4 ·
YEARLY CUMULATIVE 5146 5344 1679 bdo-69				The state of the last of the state of the st	ويتوجية ووالمح والمنطوب الموطوعين والمواطوع والمحاصر	A Street Land of Street, Square of Street, Squar	
	• ••	YEARLY CUM	LATIVE	5 1 4 6	5,314141	1617191 hant	40

(SEE INSTRUCTIONS ON BACK)

### OMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDEN	ITIFICATION NUMBER (1-	-7)	* <b>%</b> .	INSPECTION DATE (	9 – 14)	INSPECTORS SOC.	SEC. NO. (1	6 - 24	)
	100534	•	***************************************	卷 12/14/	81	167-48-	5242	ζ,	
	E OF DISPOSAL FACILITY		_	FACILITY ADDRESS		<del></del>			
Λ	lovak Sanitary L	Landfill, I	inc RD	#1 Pllentown	PA				•
	IICIPALITY :			COUNTY					
	South Whitehal			Leligh	-		- 14-47 (A	- va. e.	د دوسور د
	LITY PROPRIETOR (NAME		The state of the s	2.5					
	ous J. Nova	K RD*1		395-6251	سنحت				
DAIL	Y VOLUME RECEIVED		ANNUAL REPORT REC			PER WEEK			
	250-300		yes		OPER	IATED 772		ar sara	
	·	1 - Com	pliance, 2 - Non-Compliance	. 3 - Not applicable		<del></del>		_	
	CHAPTER CITATION		en en Dagen. Antara Monera	· · · · · · · · · · · · · · · · · · ·				12	13
26	75.21(m)(3)	Suitable barrier b	ocks access to site when atten	dant is not present.			×	1	
27	75.21(s)	25' setback line b	uffer zone present				X	T	
28	75.21(1)(1), (2), (3)	Adequate fire equ	ipment or procedure for minim	izing fire hazard			×		
	75.21(q)	Approved operation	onal safety program being utiliz	zed		•	X		
30	75.21(p)	Effective vector or bird, mosquito, ro	ontrol program utilized at site vident, fly	where needed. Circle vector	program i	required:	×		
31	75.21(m)(2)	Hours of operatio	n prominently posted		··· ·		X	Τ	
. <b>32</b> ,/\	75.21(k)	Telephone or oth	er communications available			· · · · · · · · · · · · · · · · · · ·	X		
183	75.21(0)(1)	Salvaging occurs	in accordance with regulations	No see :			X		
	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational reco	ds maintained and method of r	measurement provided			X		
	75.24(c)(2)(xxi), 75.37(j) & 75.38 il(8)(viii)	Final minimum u	niform two foot layer of compa	cted cover material placed of	on surface	of final lift	×		
36	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water ma	nagement administered at the t				×		
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes withi	n 1 to 15 percent or as approve	• '		ORIGIN	/a, >	1	
38	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source	and type of cover material bein	g utilized	-	medy	×		
39	75.24(c)(2)(v) & 75.38 11(8)(ii)(iv)(vi)	Site access roads	are negotiable by loaded colle	ction vehicles		·	×		
	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching	and terrading in accord with re	egulations			- X	1	
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 (I(8)(ij)	Fire breaks				112710	X		

ER-SWM-1A:5/79

### MMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

100534

	CHAPTER CITATION		1	2
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 il(6)	Gas management		X
	. 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X	نبة
44	75.24(c)(2)(xi), 75.37(k) & 75.38 il(8)(ii)	Approved cover material being utilized	×	
45	75.24(c)(2)(x)	Approved subbase being utilized	X	
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X	
47	75.25(h)	Lined site, under drains operable		
48	75.25(i)	Are liners in place and covered with protective earth		
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained		
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly		Γ
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X	
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X	Ì
53	75.26(q)	At lined sites, is all waste deposited on lined areas		
54	75.26(f)	Regulation ban on open burning adhered to	X	
3. I	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X	
58	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X	
57	₹ 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X	
58 58	f, 75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X	Γ
Ţ,	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X	
59 60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	X	Г
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X	
82	75.26(g). (h) & 75.38 II(8)(vi)	Dust controlled at site	X	
83 _	75.26(j), (k)	Blowing litter controlled	X	Г
64	75.26(c)	Provision for standby equipment available when needed	区	
•	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		[
<b>65</b> .		<u></u>	<b> </b>	⊢

#### COMMONWEALTH OF PENNSYLVA DEPARTMENT OF ENVIRONMENTAL RESOURCES **BUREAU OF SOLID WASTE MANAGEMENT**

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES DEMOLITION SITES, FLYASH SITES, SLAG SITES

**COMMENTS:** 

Weather: Overcast + Cold	FORM NO. 10, 11, & 12		
First snowfall predicted		DISPOSAL FACILITY _	Novak Sanitary
The second of th		1 and 611 Inc	100534
		- 10/14/e	
The working face	e remains to be in	the same place.	Work is bain
The working face Jone on the west half	of trench # 2	The cast half	of this trench
agreers to be to dept	h at many large	rocks have se	+ to be removed.
Chapter citations:		a a mangang ang ang ang ang ang ang ang ang a	
42) 75.24 (1)(2)(XXXIV) 75.37(1) 75.38(1)(B) F AND	On Verember  The writer met with	6,1951, John ins	ons, Dinish Pay Vot
the	RAS Plan. Currently	y, we are wall	ng for A gas
rece	every company to de	reide of igns reco	very is feasible fo
this	lendall.		
69) 752/(0)(8) 75.37(1)		see report of	11/17/81

75,38(11) 8X 1X

Recomendations! Although no blowing litter was seen on this lite, the tree line to the south & the present working area should have the litter picked up.

#### GAS CONTROL

#### PRERARED FOR:

NOVAK SANITARY LANDFILL SOUTH WHITEHALL TOWNSHIP LEHIGH COUNTY, PENNA.

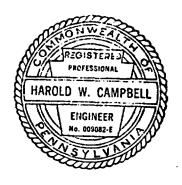
#### PREPARED BY:

C. A. COSTELLO ENGINEERING CO. 943 N. 7TH STREET ALLENTOWN, PA 18102

JULY 11, 1981

REVISED

DECEMBER 14, 1981



#### GAS MANAGEMENT

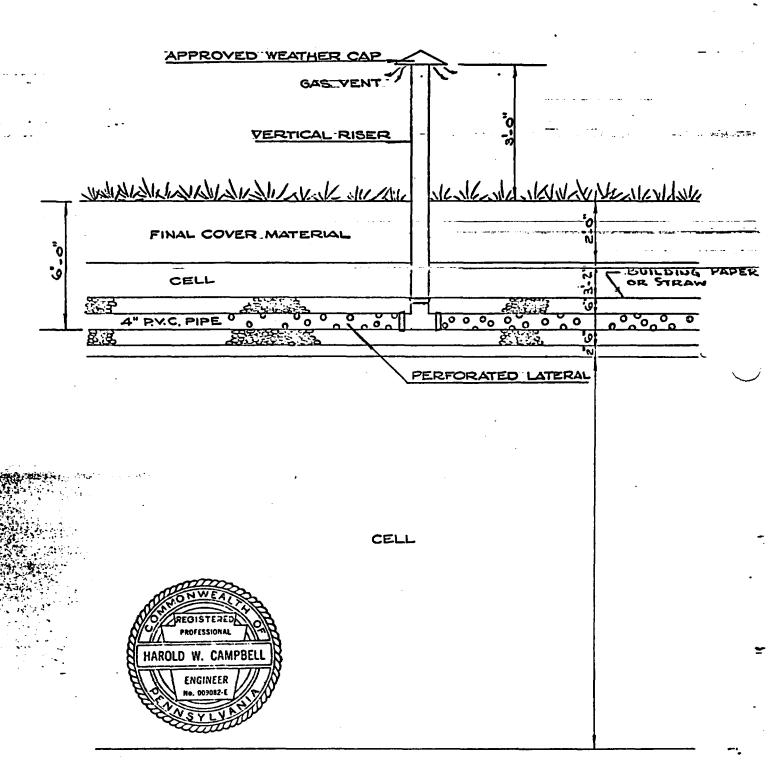
One very important part of the landfill design that has yet to be discussed is the control of decomposition gases, particularly carbon dioxide and methane.

To control the decomposition gases in the proposed landfill, a series of perforated 18 inch diameter vertical bituminous coated corrugated metal pipes will be set on and anchored to a 4 foot x 4 foot one - quarter-inch thick metal plate with perforation holes (from 1 inch to 2.5 inches in diameter) set at staggered intervals of one foot horizontally and vertically as is shown on the diagram "Typical Gravel - Filled Metal Pipes". A 4 inch PVC pipe will be installed in the center of these vents that are 20 reet deep or less, and a 6 inch PVC pipe in those over 20 feet deep to pump out any leachate that may be present in the fill. These verticals will be placed 75 feet apart. The 4 and 6 inch PVC pipes will be perforated.

To control the decomposition gases in the existing landfill, a series of perforated 4 inch laterals will be placed in shallow gravel trenches on top of the refuse, I foot 4 inch cell and 2 feet of final cover will then be placed over the gravel later as is shown on the diagram "Typical Lateral and Vertical Vent System". These laterals will be placed 75 feet on center. To vent the gases picked up by the laterals, vertical risers will be utilized. These vertical risers will be located every 75 feet along the lateral lines.

At no place will pipe vents and vertical metal pipes be located within 100 feet of any building, mechanical structure or roadway. No vent pipe will be located in a swale or other runoff area. The earth at the base (finished grade) of the exposed vent pipe will be constructed to shed water. Guard posts will be erected adjacent to the vent in order to protect them from accidental damage.

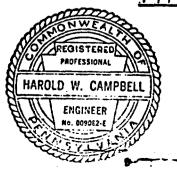
#### TYPICAL LATERAL AND VERTICAL VENT SYSTEM



"TYPE A"

SIMMANIC SECRETARION CONTRACTOR SECRETARION SECRETARI FINAL COVER ... MATERIAL -- ೧೯೮೬ DAILY EARTH COVER PERFORATED BITUMINOUS COATED CORRUGATED METAL PIPE (18" DIAMETER) CELL 010 old P.V.C. PERFORATED CELL WIND A'XA' METAL PLATI BOTTOM OF THE LANDFILL

#### TYPICAL GRAVEL-FILLED METAL PIPES



TYPE B

ORIGINAL (Red)

200569

(1) Wher: Cloudy 31°F
Date: December 17, 1981

November 1981 Inspection Novak SANITARY LANDFILL REPORT

PUBLIC ROADS:

L.R. 39042 and T-593 in good condition; No mud or refuse from landfill on surface.

ACCESS ROADS:

Main Road in good condition; branch roads also in good condition.

DISPOSAL AREAS:

Disposal operations presently going in the vicinity of 11+00 W, 11+00 S. and progressing to the East and North. Demolition is dumping in that area in and around stations 5+50 W, 6+00 S. TRENCH:

Soil being removed from trench # 2 and being used to cover compacted refuse area and also stockpiling on the east and west side of trench.

FENCES:

Very little plastic material on fences and in tree line located at the east end of the landfill.

**VEGETATED AREAS:** 

Since last October inspection, plastic material was removed from brush and tree line and found to be in good condition; located on the east side of the landfill.

VECTOR & INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on site.

#### Novak SANITARY LANDFILL REPORT

#### COMMENTS:

On December 8, 1981 there was a meeting at the site with D.E.R. Present were Mr. John R. Parsons, Mr. Dinesh P. Rajkotia, Mr. Micheal G. Maiolie, Mr. Louis Novak, and Mr. Charles Costello. Gas control specifications and plans were reviewed. Members from D.E.R. recommended some changes made on both above items. Also there was a field inspection on locating gas vents and gas laterals. The changes were made by Mr. Costello and submitted to Mr. Novak on December 18, 1981. Mr. Novak will be giving them to D.E.R. The gas vents and laterals will be installed near the west line in April 1982.

INSPECTED BY: CO. Costo Do DATE: DEC. 18, 1981

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST:

CC: Novak Sanitary Landfill

Department of Environmental Resources

South Whitehall Township

ER-SWM-1:5/79

### OMMONWEALTH OF PENNSYLVANIA DEFARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDE	TIFICATION NUMBER (1-	-7) INSPECTION DATE (9-14) INSPECTORS SOC. SEC. N	D. (16	- 24)	
1	100534	1/8/82 167-48-9	-		
NAM	E OF DISPOSAL FACILITY			<u>.                                    </u>	
148 94 14 148 144 144	Novak Sanitary	LANDFILL INC RD 1 Alkentown PA			14 m
ضحدة	NICIPALITY	COUNTY		•	- 1
Apple of	Sath Whithall	Two Lehigh -			
		, ADDRESS, AND TELEPHONE NUMBER)			
L	our J. Nork	RD#1 Allenton 199 315-6251 345-4580			
	Y VOLUME RECEIVED	ANNUAL REPORT RECEIVED DAYS PER WEEK			
	250-300	yes OPERATED 5/2			
		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable		tab z	nienej@:
	CHAPTER CITATION			2	$\Box$
<u> </u>					H
26	75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.		-	-
27	75.21(s) 75.21(l)(1), (2), (3)	25' setback line buffer zone present		_	_
28	75.21(q)	Adequate fire equipment or procedure for minimizing fire hazard		-	
ز		Approved operational safety program being utilized	14	-	-
	75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required:		Х	
30 31	75.21(m)(2)	Hours of operation prominently posted	X	-	-
. 32	75.21(k)	Telephone or other communications available	又		一
%5 - 3 33	<b>75.21(0)(1)</b>	Salvaging occurs in accordance with regulations	X		T
	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(VII)(VIII)	Operational records maintained and method of measurement provided	X		
34	75.24(c)(2)(xxi), 75.37(j) 4 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final tift	X	-	
	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	X		
	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
<b>3</b> 8	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X		
<b>3</b> 9	75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	X		144
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ij)	Fire breaks	×		

ER-SWM-1A:5/79

#### MMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES **BUREAU OF SOLID WASTE MANAGEMENT**

# INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYNO, 12

		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable		
	CHAPTER CITATION		1	12
2 _	75.24(c)(2)(xxiv), 75.37(k) 2 75.38 il(6)	Gas management		>
3	. 75.24(b)(4)(i), 75.37(k)(6), 6. 75.38 II(8)(i)	Ground water monitoring requirements being met	X	
4	75.24(c)(2)(xi), 75.37(k) & 75.38 i1(8)(ii)	Approved cover material being utilized	X	
5 _	75.24(c)(2)(x)	Approved subbase being utilized	X	
6	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	×	
7 -	75.25(h)	Lined site, under drains operable		
в _	75.25(i)	Are liners in place and covered with protective earth		
9 _	75.25(o)(3)	Lined site, daily record of leachate flow maintained		
0 _	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly		
1 _	75.28(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X	
2	75.28(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X	
3	75.26(q)	At lined sites, is all waste deposited on lined areas		
4 _	75.26(f)	Regulation ban on open burning adhered to	X	
5 5	75.28(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X	
8	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X	
7 _	75.26(s)	Hazardous wastes & studges stored and/or disposed with written Departmental approval	X	·
8	75.28(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X	
 9	75.28(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X	
 0 <sub></sub>	75.28(i)	Working face area confined to size suitable for daily cover/compaction	X	
	75.28(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X	
, 2 _	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site  Option  Blowing litter controlled	X	
3 <u> </u>	75.26(j), (k)	Blowing litter controlled		2
4 _	75.26(c)	Provision for standby equipment available when needed	X	
	75.26(o), (p), 75.37(j),	Has vegetative growth been established to prevent soil erosion on disturbed areas		C

#### DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:

Wenther: Sunny, Windy & Very

DISPOSAL FACILITY NOUAK SPINITARY Landill Inc. 100534

Work is continuing at the same place and will soon be moved to adjoining areas to bring them up to grade.

Chapter Citations

#30) A large bird population and around the working Gott. Care. should be taken to completely cover the working face at the ord of each day.

542) A revised agas nonnegerent plan has recently been recieved by the Department and a county rule review. Construction of this gas control system will begin in April.

63) Blowing litter was observed at the working Face. The problem is compounded by the finzen ground and that the area is nearly up to grade. Policing the AIRA most he done at Enquent interals. ( no more than one wek).

#65) Vegetative growth: see report of 11/17/81

aus I. Worth

(1)

Weatl, i: Cloudy

January

20, 1

December 1981 Inspection Novak SANITARY LANDFILL REPORT

PUBLIC ROADS:

L.R. 39042 and T-593 in good condition. No mud or refuse from landfill on surface.

ACCESS ROADS:

Main Road in good condition; branch roads also in good condition.

DISPOSAL AREAS: Disposal operations presently going in the vicinity of 11+00 W, 9+00 S. and progressing to the East and North. Demolition is dumping in that area in and around stations 5+50 W, 6+00 S.

JAN 21 1982

RDG. REGIONAL OFFICE DEPT. DE ENV. RES.

TRENCH:

Soil being removed from trench #2 and being used to cover compacted refuse area and also stockpiling on the east and west side of trench.

FENCES:

Very little plastic material on fences and in tree line located at the east end of the landfill.

**VEGETATED AREAS:** 

All trees and brush around the perimeter of landfill is clean.

VECTOR & INCINERATION:

Adequate daily soil cover applied over the refuse is recommendable continue to clean blowing litter from trees and brush.

### NOVAK SANITARY LANDFILL REPORT

COMMENTS:

Remove plastic material from fence and tree line. Also continue to clean blowing litter from same.

		Catille		JAN	20	1982
INSPECTED BY	2	Carrie	DATE:	77/		

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST:	
---------	--

cc: Novak Sanitary Landfill
Department of Environmental Resources
South Whitehall Township





# OMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDENTIFICATION NUMBER	PR .	10. (16	- 24)	
100534	167-48-5242 1/27/82	•	<u> </u>	
NAME OF DISPOSAL FACIL				
Novak Santa	ry LANGIL, Inc Rd   Allentown PA			
MUNICIPALITY	COUNTY			
www.SmWhitchal				
•	ME, ADDRESS, AND TELEPHONE NUMBER)			
Louis T. Nova	KD#1 Allentown PA 395-6251 395-4580			
DAILY VOLUME RECEIVED	ANNUAL REPORT RECEIVED DAYS PER WEEK			7.
250-300	T/day VES OPERATED 7/2			<u> </u>
	1 - Compliance, 2 - Non-Compliance, 3 - Not applicable			
CHAPTER CITATION		11	2	13
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	×		
27 75.21(s)	25' setback line buffer zone present	$\mathbf{x}$		
75.21(I)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	$\chi$		
75.21(q)	Approved operational safety program being utilized	入		
75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required:		X	
30	Hours of operation prominently posted	X		-
32 75.21(k)	Telephone or other communications available	X		<b>!</b>
33 75.21(o)(1)	Salvaging occurs in accordance with regulations			╁╌
75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
75.24(c)(2)(xxl), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	X		
75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	X		
75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X		*
75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles  (Red)	X		
75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	X		
75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	X		
	<u> </u>	05	17	9

ER-SWM-1A:5/79

## ( .MMONWEALTH OF PENNSYLVANIA DEFARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

·	CHAPTER CITATION		1	2	
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 il(6)	Gas management		>	<
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met		14	ių .
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	×		
45 <u>.</u>	75.24(c)(2)(x)	Approved subbase being utilized	X		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		_
47 _	75.25(h)	Lined site, under drains operable		$\Box$	
48 _	75.25(i)	Are liners in place and covered with protective earth			_
49 _	75.25(o)(3)	Lined site, daily record of leachate flow maintained		L	_
50 _	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly		L	_
51 _	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X	Ŀ	
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X		`
53	75.26(q)	At lined sites, is all waste deposited on lined areas			
54	75.26(f)	Regulation ban on open burning adhered to	X		
	75.28(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	×		_
	\$ 75.25(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X		
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	$\overline{\mathbf{x}}$	Γ	•
58	3,75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X		•
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X		•
<b>60</b>	75.26(i)	Working face area confined to size suitable for daily cover/compaction	X	Γ	•
<b>3</b>	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	K		•
62	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X		
 63 _	75.26(j), (k)	Blowing litter controlled	X		•
64 <u> </u>	75.26(c)	Provision for standby equipment available when needed	X		•
	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		×	
•				_	ė

ER -SWM-18,28,38

### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS: FORM NO. 10, 11, & 12

Wenther;	Nenther; Sunny, 2 25° 1= Snow is the covered			
5 n	ow is	KC	covered.	

DISPOSAL FACILITY NOVAK SANITARY

LANGET 1/27/82

The working face remains on the east side of the landfill near the bend in the power lines. This area has been brought up to final grade or very near to final grade. Actual elevations should be confirmed before final cover is applied. Excavation is continuing on the #2 trench.

Chapter Citations:

# 30) A very large bird population was observed around the working free memby but to the season.

# 42) A revised in mongement year his been submitted and is violer review

#65) Vegetative growth: see report of 1/17/61

ORIGINAL (Red)

midul & morle

epartment of Environmental Resources Representative

L. Monte

Operator

FA: LIN

January 15 Mr. Formontion

### SANITARY LANDFILL REPORT

PUBLIC ROADS:

L.R. 39042 and T-593 in good condition. No mud or refuse from landfill on surface.

ACCESS ROADS:

Main Road in good condition; branch roads also in good condition.

**DISPOSAL AREAS:** 

Disposal operations presently going in the vicinity of 11+00 W, 9+00 S; and progressing to the East and North. Demolition is dumping in the area in and around Stations 5+50 W, 6+00 S.

FEB 1 6 1982 FIGURE

RDG. REGIONAL' OFFICE DEPTL DE ENV. RES. TRENCH:

Soil being removed from trench #2 and being used to cover compacted refuse area and also stockpiling on the east and west side of trench. Mr. Novak purchased two trucks for removing soil from trenches.

FENCES:

Some plastic material on fences and in tree line located on east end of the landfill.

VEGETATED AREAS:

All trees and brush around the perimeter of landfill is clean.

VECTOR & INCINERATION:

Adequate daily soil cover applied over the refuse is recommendable. Continue to clean blowing litter from trees and brush.

ORIGINAL (Red)

### SANITARY LANDFILL REPORT

37.23

COMMENTS:

Remove plastic material from fence and tree line. Also continue to clean blowing litter from same.

INSPECTED BY: C A COSTAL DAT

DATE: 2-17 - 62

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST:

cc: Novak Sanitary Landfill

Department of Environmental Resources

South Whitehall Township

Reading Regional Office 8-474-3464

February 12, 1982

SUBJECT: Novak Landfill

Permit No 100534

South Whitehall Township

Lehigh County

20:

File

FROM:

John H. Parsons

Operations Supervisor

On February 9, 1982, Mr. Ronald F. Klinikowski and the writer discussed the gas management plan and possible elevation problems at the site by telephone with Mr. Larry Lunsk, facilities supervisor for the Norristown Regional office. Mr. Lunsk indicated that he would discuss these items amending of the permit with Mr. Novak on February 19, 1982.

cc: File

be R. Khimberman L. Lunaise Hlog. of.

19:26

ER-SWM-1:5/79

## JOMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

# INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

IDENTIFICATION NUMBER (1-7)				INSPECTION DATE		SPECTORS SOC. SE	C. NO. (16	- 24)	
	100534			1 2/25/82		167-48-	ダスチン	7	
NAME OF DISPOSAL FACILITY FACILITY ADDRESS									_
	-NOVAK SANIT	ory Lands	ill, Inc Ra	! #1 Allento	un PA				
	IICIPALITY			COUNTY					
en in te	"S, Whitehall Tu	p"		Lehigh		· · · · · · · · · · · · · · · · · · ·			
	LITY PROPRIETOR (NAM								تستيد
	Louis J. Nov	nk RD	* Allentown PX	345-62	51 315	-4580			
DAIL	Y VOLUME RECEIVED		ANNUAL REPORT REC	EIVED	DAYS PE	R WEEK,			
	250-300		yes		OPERATE	D 5/2			
	, <del></del>	1 - Com	pliance, 2 - Non-Compliance	. 3 – Not applicable					
	CHAPTER CITATION		······································				1		<u> </u>
	CHAPTER CITATION				<u></u>		- X	-	ب
26	75.21(m)(3)	Suitable barrier b	locks access to site when atter	dant is not present.	······································		K-1	_	<u> </u>
27	75.21(s)	25' setback line b	uffer zone present			<del></del>	X		<b>—</b>
28	75.21(1)(1), (2), (3)	Adequate fire equ	ipment or procedure for minim	izing fire hazard			<u> X</u>		L
29	75.21(q)	Approved operation	onal safety program being utili.	red		<del></del>		_	ار
30	75.21(p)	bird mosquito, ro	ontrol program utilized at site vident, fly	vhere needed. Circle vector	program requi	red:		X	
31	75.21(m)(2)	Hours of operatio	n prominently posted	<del></del>			X		
32	75.21(k)	Telephone or other	er communications available				X		
33	75.21(o)(1)	Salvaging occurs	in accordance with regulations	. ————————————————————————————————————			X		
34	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational recor	rds maintained and method of	measurement provided			×		
35	75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum ur	niform two foot layer of compa	sted cover material placed o	on surface of fir	at lift		X	
38	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water ma	nagement administered at the	site				X	
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes withi	n 1 to 15 percent or as approve	ed by Department			×		
38	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source	and type of cover material bein	g utilized			×		
39	75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads	are negotiable by loaded colle	ction vehicles		Magazi Magazi	X		
40	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching	and terrading in accord with re	gulations			X		
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	-		13 pt	***	X		

200586

ER-SWM-1A:5/79

## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

# INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

_			_	_	1
	CHAPTER CITATION		•	2	•
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 iI(6)	Gas management		X	
43 · ·	- 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met		×	ĺ
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X		
45 <u>.</u>	75.24(c)(2)(x)	Approved subbase being utilized 1988 1988	X		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		
47	75.25(h)	Lined site, under drains operable			
48 _	75.25(i)	Are liners in place and covered with protective earth			
49 _	75.25(o)(3)	Lined site, daily record of leachate flow maintained			
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			
-1 <u>-</u>	75.26(o), 75.37(g), 75.38 II(8)(vili)	Erosion controlled on site, diversion ditches as required	X	,	
ノ 52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X		
53	75.26(q)	At lined sites, is all waste deposited on lined areas			•
54	75.26(f)	Regulation ban on open burning adhered to	X		•
55 55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	χ		
<b>5</b> 6	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	٠	X	
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval			
<b>5</b> 8	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X		
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X		
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	X		
61 .	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X		
62	75.26(g), (h) &	Dust controlled at site	X		
63	75.26(j), (k)	Blowing litter controlled	X	Г	
64	75.26(c)	Provision for standby equipment available when needed	X	Γ	
• •	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	·	X	
• ار	Chapter 101(9)(e)(2)	Is bonding status correct		<b>!</b>	

### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES **BUREAU OF SOLID WASTE MANAGEMENT**

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES wenther: Sunny, Windy, Cold DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS: FORM NO. 10, 11, & 12

	DISPOSAL FACILITY NOVAK SANITARY
in the case to be the case of	LANdill Inc 100534
•	DATE 2/25/82
The working face is moving & nort.	h in the same area as the
past operation. The west half of the #2 The excavation does not appear to be in line w	trench is continuing to be exemunt
The excavation does not appear to be in line w	ith the east half and recommend
that the boundaries of this trench be surve	eyed and marked g to insure
The excavation does not appear to be in line we that the boundaries of this trench be surve that it conforms to the plan.	the working Frace due to exposed
#30) A large bird population with	•
The earn north of the Trench in	been brough up to great and require
2 feet of final cover.	n during the inspection due to settle
2 ket of final cover.  2 ket of final cover.  36) several pools of standing water were see and improper grading. Those arras need an and improper grading.	to be Gilled and peoply graded.
MAL /L MAIA/L AND CHILL OF THE PROPERTY OF THE	
The last two liburd water monitoring	species with second
The Aren Adjacent to the pirsent working This was determined by observing uncevered	See did not receive daily cover,
This was determined by observing uncevered	d refuse under a light snow while
tell last night	
(5) Vegetative growth: see report of 11/1	7/51

Department of Environmental Resources Representative

ER~SWM- 4

# MMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

FORM NO. 1

DA.	TE	PREPAREC	)

March 11, 1982

# APPLICATION FOR PERMIT FOR SOLID WASTE DISPOSAL and/or PROCESSING FACILITIES

I.O. NUMBER

177		4			12
- 1 / 1	0	0	5	3	<b>199</b> -1
-	للتسا			-	,

	DUAC	E NO. 1	
See INSTRUCTIONS on Reverse Side	FNAS	E NO. 1	
1. Applicant (Name and Address)	2. Authorized	Agent (Name, Title and Address)	DEPT. USE ONLY
Louis J. Novak RD #1	Louis RD #1	J. Novak (OWNER)	
Allentown, PA 18104		town, PA 18104	Date Recid
			Publ. Date
And the state of t	e de la companya del companya de la companya del companya de la co	San Constitution of the section of t	Date Issued
3a. Property Owner(s) (Name and Address)	4. Type of O	peration Landfill	
Louis J. Novak	<b>5.</b>		
RD #1	Name of F	acility Novak Sanitary	Landfill, Inc.
Allentown, PA 18104	Address of	Facility Orefield Road	
Telephone Number 395-4580	A section of the sect	(Include Access Road Name and	- · · · · · · · · · · · · · · · · · · ·
b. Site Acquisition —		Allentown, PA	ZIP 18104
X Presently owned		n-Township South Whiteh	all County Lehigh
Will purchase	The state of the s	The first of the Color of the C	
Will lease for years	illa illa illa illa illa illa illa illa	e same production of the second of the secon	
U.S.G.S. Map Location of Facility		7. General Information: Exis	sting Y Proposed
map Name <u>Cementon 7.5</u> Date	1964		
7.5' Quad X 15' Quad Provide 7.5' Q	Quad if published		or permit 610401
Center of Facility: LAT. 40 3	7 45"	Total acres of the property	1 0 4 0
LONG. 75 3	3 45"	Planned life of the facility	years
Facility location measured from S.E. corner of	Map:	=	ded as a part of the Solid
N.E. Corner - NORTH in. WEST	in_	Waste Management Plan YES X	for the area?
N.W. Corner-NORTH in. WEST	in.	Is this facility located in a co	
S.E. Corner - NORTH . 60 In. WEST E	3.50 in.		al mine:
S.W. Corner - NORTH In. WEST	in, make	Yes 🗆 No 🔯	
8. Documents prepared by: (Name, Title and Ad		(If yes, submit County Comm	nissioner Approval)
C. A. Costello Engineering Harold W. Campbell, Vice-Pr P.O. Box 149	Company cesident	Taring and the second of the s	
Neffs, PA 18065 Telephone Number 767-6872	er en en en en en en en en en en en en en		
9. AFFIDAVIT:	and the second s	PRINT or TYPE Name to be Signe	od: Date: 3-12-82
COMMONWEALTH OF PENNSYLVANIA	55: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EL LOUIS J NOI	VAN -
COUNTY OF LEAGH			depose and say that I (am the:
Sworn and subscribed to before me t	his	,	fficial of the applicant) (have the
Day of noul	1982	f '	tion) and that the documents and
1117			of this application are true and
SHIRLEY B. GILBERT, Metary Public NOTA	RY PURLIC	correct to the Land to kno	owledge and belief. 20058
ALLENTOWN, LEHIGH COUNTY			4 11/2000
My CommissionMESSIONEEXPIRES JULY 6, 1982  Womber Penneutralia Assistation of Notation	<u>.</u>	Signature Company	Lows f. Hove

ER-SWM-1:5/79

IDENTIFICATION NUMBER (1-7)

### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

# INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

INSPECTION DATE (9-14)

INSPECTORS SOC. SEC. NO. (18-24)

100534	3/12/82 167-48	-52	12	
E OF DISPOSAL FACILIT	FACILITY ADDRESS		,	•
VOVAK SANITA	ry Landfill Inc. RD#1 Allentown PA			
NICIPALITY	COUNTY			•
Sitt Whiteh	11 Two Lehigh			1 - Q
	·			
ouis ). Nov		315.	4	580
150- 300	yes OPERATED 372			
	1 - Compliance, 2 - Non-Compliance, 3 - Not applicable			_
CHAPTER CITATION	·	1	2	3
75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
75.21(s)	25' setback line buffer zone present	X		
75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	$-\times$	·	
75.21(q)	Approved operational safety program being utilized	- X	1	لر
75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird. hosquito, rodent, fly		X	
75.21(m)(2)	Hours of operation prominently posted	X		
75.21(k)	Telephone or other communications available	$\bot$ X		
75.21(0)(1)	Salvaging occurs in accordance with regulations	X		
75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
75.24(c)(2)(xxi), 75.37(j) 76. 75.38 H(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift		X	12 12
75.24(c)(2)(i), 75.37(e) & 75.38 ii(8)(viii)	Surface water management administered at the site		X	
75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	×		
75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	×		
75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	×		
75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	Х		
	TE OF DISPOSAL FACILITY  VOVAK  Anital  JOVAK  JOV	FACILITY ADDRESS  NOVAK SANITARY LANGE INC. RD# Allentium PA  COUNTY  COUNTY  COUNTY  COUNTY  COUNTY  COUNTY  COUNTY  COUNTY  Lehry  Le	E OF DISPOSAL FACILITY  VOVAK SAN, PAY LANDERS, AND TELEPHONE NUMBER)  ICIPALITY  COUNTY  COUNTY  Lehryh  LITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER)  OUTS  NOVAK RD#1 Allentown PA 318064 345-6251 345-  Y VOLUME RECEIVED  ANNUAL REPORT RECEIVED  1 - Compliance, 2 - Non-Compliance, 3 - Not applicable  CHAPTER CITATION  1 - Compliance, 2 - Non-Compliance, 3 - Not applicable  CHAPTER CITATION  1 - Suttable barrier blocks access to site when attendant is not present.  X 2 - X - X - X - X - X - X - X - X - X	E OF DISPOSAL FACILITY    Novak   Sanitary Land   Inc.   RD#   Allentirum PA

ER-SWM-1A:5/79

## DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

100534

# INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable	:		
	CHAPTER CITATION		1.	2	Ŀ
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management		X	
******* 43 <del>1</del>	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X		
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X		
45	75.24(c)(2)(x)	Approved subbase being utilized	TX		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		
47	75.25(h)	Lined site, under drains operable	$\mathbf{I}_{-}$		
48	<b>75.2</b> 5(i)	Are liners in place and covered with protective earth			>
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained			>
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			2
	75.26(o), 75.37(g). 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X	-	
	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X		
53	75.26(q)	At lined sites, is all waste deposited on lined areas	1		17
54	75.26(f)	Regulation ban on open burning adhered to	TX		Γ
5 55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X		
, 1 , 56	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day		X	
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	7-		13
58	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	TX		Γ
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X		
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	TX	1	T
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X		
62	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X		ľ
63	75.26(j), (k)	Blowing litter controlled	TX	1	t
64 64	75.26(c)	Provision for standby equipment available when needed	文	1	t
- '	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		X	l
<b>5</b> 6	Chapter 101(9)(e)(2)	Is bonding status correct	1-	1-	t

### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

#### INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES DEMOLITION SITES, FLYASH SITES, SLAG SITES

Wrather : Overcast spring thaw in effect, very middy.

DISPOSAL FACILITY NOVAK SANTARY LANGEI Inc 100534

The working face is progressing toward the North west in comparison to the last work AIFA. The writer recommends that the litter along the tree line on the cost side of the landfill be picked up within two weeks of this inspection. Groudwater samples have been taken and are being analyzed.

Chapter Citations:

- 30) A large bill population was seen near the work face (see 56 below)
- 35) The Areas which have been brought up to Final grade shall be covered with 2 f of cover insterial, Work must be progressing whenever possible.
- 36) several small pools of standing water were observed. The slopes should be

smed to Allow draininge of this water. 3) The JAS management plan is to be resubmitted to the new regional office for rem

- 56) A six inch layer of daily cover shall be placed on exposed refuse at the end of eAch working day. The Area to the left of the bond in the main access road and near the last working frice require this cover
- 65) Vegetative growth: See report of 11/17/81. This should also include the latest completed working Area.

L. Ilande

Weather: Cloudy with Pain

 $\pi g O_{m}$ 

February 1982 Inspection NOVAK Date: March 13, 1982

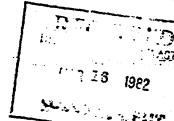
"NATO POADS:

L.R. 39042 and T-593 in good condition.

No mud or refuse from landfill on surface.

CCESS ROADS:

Main Road and branch roads in poor condition because of melting snow and rain.



FI TPOSAT AREAS:

Disposal operations presently going on in the vicinity of 11+00 W, and 9+00 S. Work will progress in this area until surface of fill reaches grade.

Demolition is dumping in that area in and around Station 5+50 W, and 6+00 S.

around Station 5+50 W, and 6+00 S. New trench is being dug to the East of the exsisting demolition area. TRENCH:

Soil being removed from trench # 2 and being used to cover compacted refuse area and also stockpiling on the east side of the trench.

FENCES:

In good condition with plastic material on fences and in the tree lines located on the east end of the landfill.

**VEGETATED AREAS:** 

All trees and brush around the perimeter of the landfill are clean; Except for some plastic material in fence and tree line.

<u>VECTOR</u> & ...
INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on site.

### SANITARY LANDFILL REPORT

COMMENTS:

Adequate daily soil cover applied over the refuse is recommendable. Continue to clean blowing litter from trees and brush. In April elevations will be taken between Stations 13+00 W, and 8+00 W. Also from Station 12+00 S, and 7+00 S. to achive final grade.

INSPECTED BY: C. Q. Coales Co.

DATE: 3-13-82

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST:

CC: Novak Sanitary Landfill

Department of Environmental Resources

South Whitehall Township

## DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

# INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

IDENTIFICATION NUMBER (1-7) INSPECTION DATE (9-14) INSPECTORS SOC.					OC. SEC. NO.	SEC. NO. (16-24)				
100534 4/12/82 167-48-						8-52	42			
NAME OF DI	SPOSAL FACILIT	Ý		FACILITY ADDRESS						
Noun	K SANITAY	y LAND Fill	Inc. RD	#1 Allentown	PA					
MUNICIPALI	TY :			COUNTY						
South	While hall-T	Two		Lehigh					. , .	
			TELEPHONE NUMBER)		* · · * · · · · · · · · · · · · · · · ·			_		
Louis	J. Novak	KD#1	Allentown PA 1	8069 395-	6251	345-45	580			٠
DAILY VOLU	ME RECEIVED	<u> </u>	ANNUAL REPORT REC	EIVED	DAYS PE	R WEEK		-		
250	- 300	•	yes, Nest one	clue Suly.	OPERATE	0 3 /2				
		1 - Com	pliance, 2 - Non-Compliance							
CHAPT	ER CITATION							7	2	3
26 75.21(m)	(3)	Suitable barrier b	locks access to site when atter	ndant is not present.	<del></del>			X		
75.21(s)		25' setback line b	uffer zone present	· · · · · · · · · · · · · · · · · · ·				X		
	1), (2), (3)	Adequate fire equ	ipment or procedure for minim	nizing fire hazard				$\overline{X}$		
29 75.21(q)		Approved operati	onal safety program being utili	zed				X	7	
75.21(p)		Effective vector c bird, mosquito, ro	ontrol program utilized at site or odent, fly	where needed. Circle vector	r program requi	red:		×		
31 75.21(m)	(2)	Hours of operation	n prominently posted	<del> </del>				χt	7	_
32 75.21(k)		Telephone or oth	er communications available			· <del></del>		χÌ		
33 75.21(0)	nnektopping pag art	Salvaging occurs	in accordance with regulations	· .				X	7	
75.21(1)(		Operational reco	rds maintained and method of	measurement provided				X		
75.24(c) A 75.38	(2) (xxi), 75.37(j) II (8) (viii)	Final minimum u	niform two foot layer of compa	cted cover material placed (	on surface of fi	nal lift			X	
75.24(c) 75.38 II(	(2)(I), 75.37(e) &	Surface water ma	nagement administered at the	site					×	
75.24(c)( 75.37(d))	(2)(ii), (iii), & (1), (2)	Final slopes withi	in 1 to 15 percent or as approve	ed by Department	·		,	X		
75.24(c)( 75.38 II(	(2)(xi) & 8)(viii)	Adequate source	and type of cover material bein	ng utilized	·	1. 16 <sub>77.</sub>		×		
75.24(c) 75.38 II(	(2)(v) & 8)(ii)(iv)(vi)	Site access roads	are negotiable by loaded colle	ection vehicles		M <sub>EA</sub> "%		X		
75.24(c) 75.37(d) 75.38 II(		Slopes, benching	and terracing in accord with re	egulations				<b>〈</b>	T L	
75.24(c)( & 75.38	(2)(xvi), 75.37(k) II(§)(ji)	Fire breaks				2 % . <b>3</b> % <b>,</b>		k		
						ورسان	2005	9	6	

ER-SWM-1A:5/79

## DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

# INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

	CHAPTER CITATION		1,	2	l
· · · · · · · · · · · · · · · · · · ·	75.24(c)(2)(xxiv), 75.37(k) & 75.38 iI(6)	Gas management	T	X	
-	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X	- T	
	75.24(c)(2)(xi), 75.37(k)	Approved cover material being utilized	X		
•	75.24(c)(2)(x)	Approved subbase being utilized	X		İ
•	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		
•	75.25(h)	Lined site, under drains operable			I
_	75.25(i)	Are liners in place and covered with protective earth			I
	<b>75.2</b> 5(o)(3)	Lined site, daily record of leachate flow maintained			I
	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly	1		ı
-	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X	7	
	75.26(b), 75.37(k)(2), (3). 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X		
•	75.26(q)	At lined sites, is all waste deposited on lined areas	T		ı
•	75.26(f)	Regulation ban on open burning adhered to	区	Г	ı
	76.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X		
	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day		X	
	- 75.26(s)	Hazardous wastes & studges stored and/or disposed with written Departmental approval			1
	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts		X	
	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	×		
•	75.26(i)	Working face area confined to size suitable for daily cover/compaction	TX		
-	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	×		
	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	-X		
•	75.26(j), (k)	Blowing litter controlled	1	X	ı
•	75.26(c)	Provision for standby equipment available when needed	X		
•	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	T	X	
/	Chapter 101(9)(e)(2)	Is bonding status correct	1-	<b>—</b>	I

### **COMMONWEALTH OF PENNSYLVANIA** DEPARTMENT OF ENVIRONMENTAL RESOURCES **BUREAU OF SOLID WASTE MANAGEMENT**

SANITARY LANDFILL, INDUSTRIAL SITES DEMOLITION SITES, FLYASH SITES, SLAG SITES

Weather: Sunny, Clear, Warming.

FORM NO. 10, 11, & 12

	DISPOSAL FACILITY NOVAK SANITARY
No. All the last that the last	LANGI Inc. 100534
· · · · · · · · · · · · · · · · · · ·	112/87
Any further refue on top of it. Due to lastew	final grade and most not recieve neeks heavy snows and high winds
several problems are present and will be covere	ed belov.
Violations:	ures 2 feet of final cover. This
Area extends from the tranch access rend	be sure it is not above grade.
should be anded to Allow diamage of the	liquid.
42) The gas management plan is currently await. 56) Several Areas that were filled last week have	not received adequate daily cover. Work
chall begin immediately to cover likese	1/12,
18) A one foot layer of intermediate cover should intil the final cover layer can be app	a to placed over my completed with
The tree line on the east side of the la	nd GII is heavily strewn with litter du
to recent high winds. This litter should the property.	be collected to prevent it from lens
65) Efforts to establish vegetation should begin	As soon as wenther Allows.

Department of Environmental Resources Representative

ER-SWM-1:5/79

## DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

# INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

		and the second of the second o					
IDEN	ITIFICATION NUMBER (1	,我们就是一个大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大	-	•			
	100534	4/29/82 167-48-52	4/29/82 167-48-5242				
NAM	E OF DISPOSAL FACILIT						
	Vovek Sanitary-	Lendfill Inc. RD#1 Allentown PA		. • <u>-</u> - <u>-</u>	÷		
	IICIPALITY	COUNTY			. •		
A) 467	S. Whitchall-Th	p Lohath		****	/4 <sup>*</sup>		
		E, ADDRESS, AND TELEPHONE NUMBER)					
	L'ouis "S. Nova	K RD#1 Allentown PA 18069 395-6251 345-4580	· 		14		
DAIL	Y VOLUME RECEIVED	ANNUAL REPORT RECEIVED DAYS PER WEEK			2		
- 4	300	Due 11 July OPERATED 5/2					
		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable					
	CHAPTER CITATION	Taken till at	1	2	3		
26	75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X				
27	75.21(s)	25' setback line buffer zone present	X				
28	75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X				
· ;	75.21(q)	Approved operational safety program being utilized	X				
30	75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird. mosquito, rodent, fly	Х				
31	75.21(m)(2)	Hours of operation prominently posted	X				
32	75.21(k)	Telephone or other communications available	X		Γ		
33	75.21(o)(1)	Salvaging occurs in accordance with regulations	X				
1 34	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X				
35	75.24(e)(2)(xxi), 75.37(j) 4. 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift		X			
36	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site		X			
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	×				
<b>3</b> 8	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X				
<b>3</b> 9	75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X				
(	75.24(c)(2)(ii)(iii), / 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	Х	٠			
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ij)	Fire breaks	X				
•					_		

ER-SWM-1A:5/79

100534

## DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

# INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable **CHAPTER CITATION** Gas management 75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6) Ground water monitoring requirements being met & 75.38 II(8)(i) Approved cover material being utilized 75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii) 75.24(c)(2)(x) Approved subbase being utilized 45 75.24(c)(2)(xvi), 75.37(k) Proper barriers being maintained & 75.38 II(8)(iv) Lined site, under drains operable 75.25(h) 47 75.25(i) Are liners in place and covered with protective earth 48 75.25(o)(3) Lined site, daily record of leachate flow maintained 49 75.26(a) & 75.37(g) Leachate treatment facilities being operated properly 50 75.26(o), 75.37(g), Erosion controlled on site, diversion ditches as required 75.38 II(8)(viii) 75.26(b), 75.37(k)(2), (3), Solid waste spread and compacted in layers not exceeding two feet deep 75.38 II(8)(ii) 52 75.26(q) At lined sites, is all waste deposited on lined areas 53 75.26(f) Regulation ban on open burning adhered to 54 75.28(d) & 75.38 II(8)(vi) **Bulky waste properly controlled** 75.26(I) & 75.38 II(8)(vii) Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end بور مهاويه والمواق of each working day 75.26(s) Hazardous wastes & sludges stored and/or disposed with written Departmental approval 75.26(n) Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts 58 75.26(d) & 75.38 II(8)(lv) Unloading area restricted to proximity of the working face 75.28(i) Working face area confined to size suitable for daily cover/compaction 75.26(q), 75.37(k), (s) & 75.38 II(8)(x) Operation in accordance with approved plans 75.26(g), (h) & **Dust controlled at site** 75.38 II(8)(vi) 75.26(j), (k) Blowing litter controlled 75.26(c) Provision for standby equipment available when needed Has vegetative growth been established to prevent soil erosion on disturbed areas 75.26(o), (p), 75.37(j), 75.38 H(8)(ix) 65 is bonding status correct Chapter 101(9)(e)(2) 68

### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

#### INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS: FORM NO. 10, 11, & 12

Weather: S	י נחחני	WACM	7	•
LAST	rain	21/2	days	Ago

DISPOSA	L FACILITY _	Novak	LAND!!		
Inc.	10053	4	· .	**. 1.1	
	+/29/8	2			

Filling is continuing on Areas which have subsided in the past. Care should be taken only fill these needs up to grade as overfilling will cause diamag problems in the Churc. Work is continuing on the access cord to the trench area Bedrock has been encountered on the #2 trench. A one lo one soil/relise ratio must be kept therefore backfilling of this AMA may be reported.

Violations ) About one half of the AREA requiring final rover affers to have been covered work should continue as soon as possible 36) Rools of standing water were observed around the sik. Some of the pools observe

during the Inst inspection have been filled.

12) The gas management plan is still awaiting comments by local authorities. 58) A one but layer of compacted cover material should be placed over completed lift.

The edges of the final lift require this filling.

63) The treeline on the east side of the landfill still requires the litter to be picker

up. some litter is beginning to extend post the triber.

Now is the time to reserve Areas which do not have vegetable growth.

As Gnal cover is completed, these Areas shall receive seed.

### JOINT PLANNING COMMISSION LEHIGH-NORTHAMPTON COUNTIES

ALLENTOWN-BETHLEHEM-EASTON AIRPORT, Government Building ALLENTOWN, PENNSYLVANIA 18103

May 3, 1982

HELENE M. WHITAKER Chair DEBORAH A. SIEGER Vice Char FRANK W. MOYER Treasurer DAVID K. BAUSCH JOHN J. COUGHLIN JOSEPH S. DADDONA EDWARD D. DAUMER, SR. PHILIP J. DWYER TIMOTHY J. EDINGER LEON W. EISENHARD S. GLENN ELLENBERGER RAYMOND C. GEIGER PAUL H. HANDWERK **EUGENE R. HARTZELL** THOMAS HECKMAN THEODORE A. HESS BENJAMIN F. HOWELLS GEORGE R. JENKINS **EDWARD P. KENNEDY** THEI MAM KIESS NICHOLAS G. KORDOPATIS STANLEY M. LYSEK PAUL M MARCINCIN PHILIP B. MITMAN J. BRUCE MORDAUNT ROBERT S. PHARO PHILIP R. PORTZ JOHN'S POSIVAK RODNEY K. SCHLAUCH JOHN SZABO, JR. KARL L. WERKHEISER CORNELL N. WRIGHT ROBERT K YOUNG

LEHIGH COUNTY
DAVID K. BAUSCH
County Executive
KENNETH H. MOHR, JR.
Chairman, Board
of Commissioners

NORTHAMPTON COUNTY
EUGENE R. HARTZELL
County Executive
RALPH R. HARTZELL
President, County Council

Mr. Lawrence H. Lunsk Solid Waste Facilities Supervisor Department of Environmental Resources 1875 New Hope Street Norristown, PA 19401

Re: Act 97 Review - Application to Revise the DER Permit for Novak Landfill to Provide for Methane Gas Control (South Whitehall Twp.)

Dear Mr. Lunsk:

The Joint Planning Commission reviewed the above-referenced permit application at its regular monthly meeting on April 29, 1982 pursuant to the requirements of Act 97, the Pennsylvania Solid Waste Management Act. The Commission offers the following comments.

The Novak Landfill is included in the JPC Solid Waste Management Plan and we believe that it is definitely needed to meet existing and future disposal needs of the area. Therefore, the Commission is in favor with correcting any environmental problems so the site can continue to operate. The Commission has no objection to this gas control project as long as the DER technical criteria are met.

The Joint Planning Commission does not perform a detailed evaluation of applications under Act 97 against the DER technical requirements since this is the responsibility of DER.

If you have any questions concerning this review, please contact me.

Very truly yours,

allen R. D'Dell

Allen R. O'Dell Chief Planner

ARO: jlw

cc: Mr. Louis J. Novak

Mr. Harold W. Campbell

Mr. Elwood M. Bernhard

200602

CODETELEPHONE

MICHAEL N. KAISER

CHARLES W. STOPP

Solicitor

Executive Director

264-4544

File 1 jak Lands!

.avironamud 7esoproes 227 o. 1902 3-084-0410

Howak Landfill Bouth Whitehall To Amania Lehigh County

Lawrence n. Lunck Regional Holid Waste Facilities Supervisor

Joseph Pandule Hydrogeologist

Chippil 19, 1932 I decompanied rake infolio, botto more tractional, to the novak tradicial during his regular field impedition. 11, 1940, The owner/operator, the present during the inducention. 177 these various accurate tollows:

- The character setter/second control plan themselves a planeaution language and specietal spaint or consider as anyther.
- 2. I hadrate/strice star hajon at the cot of the res waste area is project on the continuous factor of the continuous factor and continuous description and displaced as distant as distant as distant as indicated at 1.0 (a), crowde approximately 50 tool and missions. This class after the provisity allers asymbolic instance placement of the landfull is constructed. These constitutions a displacement of asymbolic interest from the constitution of the running from this one discharge is a very said portion of the cost leachate generated, but is an example of the lack of environmentally sound leachate control at this size.
- 3. Because this site overlies whiteran-work covernous insisteme, such injection of contaminate represents a significant threat to are aquifer, and possibly the Jordan Greek.
- 4. As an interin remedial reasure, leachage should be collected in chaplined lagoons, peopled and oprayed-back to encourage evaporation. Additional proper cover and vegetation on top of the fill site should be added so that a right cover of the least two feet is 'gerieved.
- 5. Leachate generation could be reduced if the operator, ir. downs, could be strongly urged to minish the proper covering and revegetate. This, combined with the implementation of a suitable, approved erasion/collection schools would improve site conditions.